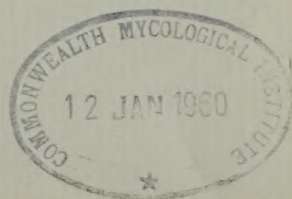


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MYCOLOGICAL SERIES No. 8

BULLETIN
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BOTANY, PHARMACY AND
MATERIA MEDICA

CINCINNATI, OHIO

THE NEW FUNGUS NAMES

Proposed by C. G. LLOYD

By

JOHN A. STEVENSON and EDITH K. CASH



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Omissions

p. 26:

MITRULA

- Mitrlula rosea* Lloyd Myc. Writ. 6: 885, pl. 129 (f. 1529), Oct. 1919.
Butler and Bisby, Fungi of India 12, 1931.
Specimen: 15809 (Type), G. H. Cave, Darjeeling, India, March 1918.

PHYLLOMYCES

- Phyllomyces* Lloyd Myc. Writ. 6: 1057, pl. 181 (f. 1975), May 1921.
Type, P. multiplex Lloyd.

Phyllomyces multiplex Lloyd l. c.

- Specimens: 7283, B. Corcino, comm. O. A. Reinking, Mt. Maquilang,
Phil. Islands, Sept. 1920. The type was collected by H. Cuming, 1835,
Phil. Islands, labeled by Berkeley as *Xylaria multiplex*.

RHIZINA

- Rhizina resupinata* Lloyd Myc. Writ. 7: 1179, pl. 232 (f. 2367), Jan. 1923.
Specimen: 32508 (Type), A. V. Duthie, 306, Stellenbosch, So. Africa,
June 1921. Lloyd states: "We list this under the above name merely as a
museum convenience. We think it has little to do with the genus *Rhizina*
Obviously a doubtful species.

- p. 29: *Auricularia mollis* Lloyd Myc. Writ. 7: 1198, pl. 245 (f. 2454), July 1923.
Specimen: 33292 (Type), H. Vanderyst, 11226, Belgian Congo, Nov. 1921.

SOLENIA

- p. 49: *Solenia moelleri* Lloyd Myc. Writ. 7: 1332, pl. 319 (f. 3062), Oct. 1924.
Rick, Egatea 16: 43, 1931.
Solenia nivea Moeller ined., nec Quel. Ass. Fr. Avanc. Sci. 24: 6, pl. 6,
f. 15, 1835.
Specimen: 17635 (Type), J. Rick, Brazil.
- p. 71: *Irpex concrescens* Lloyd Myc. Writ. 4: 9, Dec. 1915.
Specimens: 24171 (Type), R. P. Burke, 46, Alabama; 23165, C. Torrend,
190, Brazil; 24167, E. Bartholomew, 5471, Louisiana; 24170, J. Dearness
320, Vancouver Island, on fir stump.

- p. 173: *Calvatia umbrina* Lloyd Myc. Writ. 1: L. 1: 2, Jan. 1904.
Specimens: 20679, 20680, E. M. Ehrhorn, 03130, 7467, California.

The New Fungus Names

Proposed by C. G. Lloyd

JOHN A. STEVENSON¹ and EDITH K. CASH²

Few mycologists realize the large number of new names applied by the late Curtis Gates Lloyd to many of the fungi studied by him during a lifetime of work with these plants. This is due largely to the fact that in most instances he deliberately avoided mentioning that he considered a given species new, in order that the name assigned to it should not be "credited" to him. It is perhaps needless to recall that Mr. Lloyd was firmly convinced of the undesirability of citing authors' names in the course of mycological publication, and that he campaigned vigorously over many years, through the medium of his mycological writings, for the abolition of this otherwise almost universally accepted practice. Under such circumstances he was naturally not inclined to emphasize his own new names.

In connection with the work of cataloguing and arranging the Lloyd mycological collections for the Smithsonian Institution, the large number of new names and new combinations used by Mr. Lloyd at once became apparent, emphasizing the desirability of systematically hunting them out and placing them on record.

In arranging the material which follows, the same system of abbreviations has been employed as in the General Index to the Mycological Writings of C. G. Lloyd published as Bulletin 32 (Mycological series No. 7) by the Lloyd Library of Cincinnati. In presenting the data, each apparently new genus, new species, or new combination is set down as written by Lloyd, except for the correction of obvious errors in spelling, followed by a reference to his original publication. Additional Lloyd references to the species are then given. In many cases other writers have had occasion to discuss Lloydian species, and the more important of such references are also cited.

The type and other specimens found in the Lloyd Collections for each species thus listed are then cited, giving the Smithsonian serial number, data as to locality, collector, and collector's number, and any other pertinent information available. In general, data are compiled exactly as stated on Lloyd's label, since for the most part it was not expedient to verify localities or to supply missing data. Lloyd's numbers are not given, since his accession series is incomplete and, because of duplications, often conflicting. In some

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NEW FUNGUS NAMES

cases in which numerous specimens are of nearly identical origin, only a general statement covering the source and nature of the material is given, rather than a detailed list.

Lloyd's published comments on the species here considered are not, as a rule, repeated. Pertinent notes from unpublished data and critical comments from other authors are given, however, when they appear to have definite bearing on the status of the species under discussion.

Many new names used by Lloyd in manuscript notes only or found unpublished on specimens in his herbarium are omitted. A number of species merely listed by name in Lloyd's mycological notes or letters are here published, the descriptions used being those found with the specimens. Species described by other mycologists in *Lloyd's Mycological Writings* are included also.

It is realized that in spite of a great deal of time given to this work over a period of several years, some names and, in particular, many of Lloyd's new combinations, may have been overlooked. Similarly, it is not unlikely that some names have been credited to Lloyd which should more properly be assigned to other mycologists. No attempt has been made to evaluate or to discuss critically the species here listed. For instance, we have included most of the names published by Lloyd under the "nom-de-plume" N. J. McGinty as a matter of record, since upon critical study a few of these at least may be found valid.

The system of classification followed, as to families and larger groups, has been one of convenience, and has no special significance; genera and species have been arranged alphabetically.

There are included in the lists which follow approximately 56 genera, 1094 species, and 38 varieties or forms named as new by Lloyd as well as 392 species transferred by him to other genera.

KEY TO ABBREVIATIONS USED IN CITATIONS TO THE MYCOLOGICAL WRITINGS OF C. G. LLOYD

Am.	Notes on the Amanitas of the Southern Appalachians
Ap.	Synopsis of the Section Apus of the Genus Polyporus
Aus.	The Lycoperdaceae of Australia, New Zealand, and Neighboring Islands
Cla.	Synopsis of the Genus Cladoderis
Cord.	Synopsis of the Cordyceps of Australasia
Fom.	Synopsis of the Genus Fomes
Gas.	The Genera of Gasteromycetes
Gea.	The Geastrae
Geo.	The Geoglossaceae
Hex.	Synopsis of the Genus Hexagona
L.	Letters
Mic.	Synopsis of the Sections Microporus, Tabacinus and Funales of the Genus Polystictus

NEW FUNGUS NAMES

My.	The Myths of Mycology
Nid.	The Nidulariaceae
O.S.	Mycological Notes. Old Species Series
Ov.	Synopsis of the Section Ovinus of Polyporus
Ph.A.	The Phalloids of Australasia
Phal.	Synopsis of the Known Phalloids
Pol.	Mycological Notes. Polyporoid Issues
Pyr.	Synopsis of some Genera of the Large Pyrenomycetes. The Large Pyrenomycetes (Second Paper)
Rad.	The Genus Radulum
St.	Synopsis of the Stipitate Stereums
Stip.	Synopsis of the Stipitate Polyporoids
Tyl.	The Tylostomeae
Volv.	A Compilation of the Volvae of the United States
Xyl.	Xylaria Notes
f.-figure	
pl.-plate	

A symbol for the series "Mycological Notes" is not used, the paging throughout this series being continuous. Figure citations enclosed in parentheses form part of the plate citation immediately preceding.

MYXOMYCETES

LYCOGALA

LYCOGALA NIGRICANS Lloyd Myc. Writ. **7**: 1184, Jan. 1923.

*Specimen*²: 50262 (*Type*), G. Zenker, Cameroons, Africa. Noted by Lloyd as "only a color form of our old friend *Lycogala epidendron*."

ENDOAGONACEAE

ENDOGONE

ENDOGONE TUBERCULOSA Lloyd Myc. Writ. **5**: 799, f. 1239, Oct. 1918.

Specimen: 7237 (*Type*), J. B. Cleland, 423, N. So. Wales. Placed by Lloyd in *Endogone*, although he notes: "On the lacunose gleba it could be made into a new genus."

GLAZIELLA

GLAZIELLA BERKELEYI Lloyd Myc. Writ. **7**: 1204, pl. 248 (f. 2485), July 1923; 1289, June 1924.

Specimen: 34286 (*Type*), part of Berkeley collection from Nicobar Island, in the Berkeley Herbarium as *Hydnocystis* sp. Thaxter, to whom Lloyd sent a fragment of this material, suggests that it may be identical with *Glaziella aurantiaca*; see Lloyd Myc. Writ. **7**: 1289, June 1924.

²Only specimens in the Lloyd Mycological Collections are cited. These collections were presented to the Smithsonian Institution in 1928 and are deposited with the Bureau of Plant Industry. They are available to mycologists for study in Washington.

NEW FUNGUS NAMES

SPHAERIACEAE

ALBOCRUSTUM

ALBOCRUSTUM Lloyd (as McGinty) Myc. Writ. **7**: 1353, pl. 333 (f. 3167, 3168), July 1925. Based on *Sphaeria atropunctata* Schw., of which Lloyd writes: "We have never published on it for we could not decide how to treat it generically." No other species is suggested for the genus.

ALBOCRUSTUM ATROPUNCTATUM (Schw.) Lloyd l. c.

Sphaeria atropunctata Schw. Fung. Carol. 5, 1822.

Diatrype atropunctata (Schw.) Berk. Trans. Linn. Soc. London **22**: 269, pl. 46, f. 70, 1858.

Anthostoma atropunctata (Schw.) Sacc. Syll. Fungorum **1**: 295, 1882.

Nummularia atropunctata (Schw.) v. Hoehn. Ann. Myc. **16**: 219, 1918 (as *atropuncta*).

Hypoxyton atropunctatum (Schw.) Cke. Grev. **13**: 15, 1884.

Specimens: 13024, J. H. Miller, Athens, Georgia, Nov. 1924, filed as *Nummularia* sp., and other collections from various localities in the United States, as *Hypoxyton atropunctatum*.

BOLINIA

BOLINIA PETERSII (B. & C.) Lloyd Myc. Writ. **7**: 1283, pl. 294, (f. 2885, 2886), June 1924. Rick Broteria Ser. Bot. **25**: 67, 1931.

Hypoxyton petersii B. & C. Jour. Linn. Soc. **10**: 384, 1869.

Peridoxylon petersii (B. & C.) Shear Mycologia **15**: 126, 1923.

Specimens: 7293, W. R. Lowater, Toledo, Ohio, as *Bolinia*; and the following as *Hypoxyton*: 10595, Cumberland, Maryland, W. S. Laken (?); 11978, Flat Rock, North Carolina, E. K. Memminger; 11980, R. P. Burke, Alabama; 12411, C. G. Lloyd, College Hill, Ohio, Sept. 1898; 11979, W. H. Aiken, Ohio, Dec. 1898.

CAMILLEA

CAMILLEA BOMBA (Mont.) Lloyd Myc. Writ. **5**: Pyr.:8, f. 844-846, Jan. 1917; 778, f. 1172, June 1918; **7**: 1167, July 1922; 1231, pl. 260 (f. 2573), Sept. 1923; 1281, 1285, pl. 296 (f. 2895), June 1924.

Hypoxyton bomba Mont. in De la Sagra, Hist. Cuba 338, pl. 12, f. 3, 1838-1842.

Specimens: 11947, 12078, C. G. Lloyd, Cuba, Apr. 1914; 12079, J. R. Johnston, 9, comm. P. V. Siggers, Costa Rica, July 1921; 11946, O. A. Reinking, 109, Tela, Honduras; 12083, 12084, L. J. K. Brace, Bahamas; 12085, Miss Barrett, Jamaica; 11945, 12080, 12081, C. Torrend, 11948, 12082, J. Rick, Brasil.

CAMILLEA DISCOIDEA Rick in Lloyd Myc. Writ. **7**: 1181, pl. 233 (f. 2385), Jan. 1923; 1280, June 1924. Rick Broteria Ser. Bot. **25**: 38, 1931.

Specimen: 12061 (Type), J. Rick, Brasil. Noted later by Lloyd, Myc. Writ. **7**: 1280, June 1924, as "probably only a sterile form of *Camillea globosoturbinata*."

NEW FUNGUS NAMES

CAMILLEA GLOBOSA (Lév.) Lloyd Myc. Writ. **5**: Pyr. 8, f. 847, Jan. 1917.

Phylacia globosa Lév. Ann. Sc. Nat. III, **3**: 61, 1845.

Specimens: None in the Lloyd Collection under this name. Referred to *C. poculiformis* (Lév.) Lloyd by Miller in Chardon and Toro Myc. Expl. Venezuela, p. 197, 1934.

CAMILLEA GLOBOSO-TURBINATA Lloyd Myc. Writ. **7**: 1280, pl. 293 (f. 2864), June 1924.

Specimens: 12062 (*Type*), *J. Rick*, Brasil; and other collections by *J. Rick* and *C. Torrend*, Brasil.

CAMILLEA LUZONENSIS Lloyd Myc. Writ. **7**: 1281, pl. 293 (f. 2870), June 1924.

Specimen: 11974 (*Type*), *Williams*, comm. *E. D. Merrill*, 177, Luzon, Phil. Islands.

CAMILLEA PILA Lloyd Myc. Writ. **7**: 1280, pl. 293 (f. 2868, 2869), June 1924.

Specimens: 12076 and 12077 (*Type*), *C. L. Smith*, Mexico, from Ellis Collection, N. Y. Bot. Gard.

CAMILLEA POCULIFORMIS (Kze.) Lloyd Myc. Writ. **5**: Pyr. 9, f. 848, 849, Jan. 1917; **7**: 1280, June 1924. Wakefield, Kew. Bull. **1934**: 255, 1934. Miller in Chardon and Toro Myc. Expl. Venezuela, p. 197, 1934.

Corynelia poculiformis Kze. in Weigelt Exs. 1827.

Hypoxylon poculiforme (Kze.) Mont. Ann. Sc. Nat. II, **13**: 354, 1840.

Specimens: 12064 (*Type*?), "original specimen," no further data; 12431, *Leprieur*, 851; 12063, *T. J. Collins*, 4698, Guatemala; 11977, *C. L. Smith*, Mexico; 11976, 12065, *O. A. Reinking*, Tela, Honduras.

CAMILLEA SULCATA (Starb.) Lloyd Myc. Writ. **5**: 771, f. 1159, June 1918; **7**: 1281, pl. 293 (f. 2874), June 1924.

Hypoxylon sulcatum Starbäck Ark. Bot. 2, no. **5**: 20, f. 47, 48, 1904.

Specimens: 11966, *C. Torrend*, 711, Bahia, Brasil; 11967, *J. Rick*, Brasil. According to Lloyd, this was named by Montagne in 1842 as a variety of "*Hypoxylon heterostroma*" [*H. heterostomum*?], but the varietal name is not given.

CAMILLEA WILLIAMSHI Lloyd Myc. Writ. **7**: 1280, pl. 293 (f. 2866), June 1924.

Specimen: 12074 (*Type*), *Williams* 1761, Phil. Islands, part of specimen at N. Y. Bot. Gard. referred by Bresadola to *Hypoxylon turbinatum*.

CAMILLEA ZENKERI Lloyd Myc. Writ. **7**: 1202, pl. 247 (f. 2478), July 1923; 1280, pl. 293 (f. 2867), June 1924.

Specimens: 11970, 12060, *G. Zenker*, Cameroons, Africa. The type is not indicated. It is possible that both specimens are of the same collection and therefore type.

CARNOSTROMA

CARNOSTROMA Lloyd Myc. Writ. **5**: Pyr. 27, f. 1461, 1462, July 1919. A genus proposed by Lloyd for *Sphaeria thyrsus* Berk., "which in our view differs essentially from all *Xylarias* in not having a carbonous crust."

NEW FUNGUS NAMES

CARNOSTROMA THYRSUM (Berk.) Lloyd l.c. (as *thyrsus*). Butler and Bisby
Fungi of India, p. 18, 1931.

Sphaeria thyrsus Berk. Ann. & Mag. Nat. Hist. **10**: 384, pl. 12, f. 18, 1843.

Specimens: 37210, 50006, C. Bernard, Buitenzorg, Java.

DALDINIA

DALDINIA ALBOZONATA Lloyd Myc. Writ. **5**: 822, f. 1374, Mar. 1919; Pyr. 25,
f. 1456, July 1919. Child Ann. Mo. Bot. Gard. **19**: 474, pl. 27, f. 3, pl. 31,
f. 3, 1932.

Specimens: 12375 (*Type*), G. Zenker, Cameroons, Africa; 12395, J. W.
Gossweiler, 288, Angola, Africa.

DALDINIA BAKERI Lloyd Myc. Writ. **5**: Pyr. 25, July 1919. Child Ann. Mo.
Bot. Gard. **19**: 464, pl. 31, f. 5, 1932.

Specimens: 12377 (*Type*), R. T. Baker, 13, Sydney, Australia, 1901; 12376,
J. Gossweiler, 212, Angola, Africa. *Specimens* from P. V. Siggers, Costa Rica;
J. M. Sim and A. J. T. Janse, Africa; W. Golden, J. Ray, S. Hutchings, H. Val
Ryan, and G. H. Cave, India, listed by Child under this name, are in the Lloyd
Collection as *Daldinia concentrica*.

DALDINIA CALIFORNICA Lloyd Myc. Writ. **5**: Pyr. 24, f. 1452, July 1919.

Specimen: 12378, J. M. Grant, Sequim, Washington. "Several collections
from California," presumably including the type, which are mentioned by
Lloyd, are not to be found under this name. Various specimens listed by Child
under *D. occidentale* and filed by Lloyd as *D. concentrica* were probably con-
sidered by him as *D. californica*, which he regarded as "the form of *Daldinia*
concentrica with the slightly protruding perithecia." The species is referred by
Child, Ann. Mo. Bot. Gard. **19**: 453-454, 1932, to *D. occidentale* Child.

DALDINIA CONFLUENS Lloyd Myc. Writ. **5**: Pyr. 25, July 1917.

Specimens: 12388, J. R. Weir, 11427, Libby, Montana, Oct. 1911; 12379,
J. R. Weir, 62, Priest River, Idaho. Type not indicated. Referred to *Daldinia*
occidentale Child in Ann. Mo. Bot. Gard. **19**: 453-454, 1932. Considered by
Lloyd as a confluent form of *D. concentrica*.

DALDINIA CUDONIA (B. & C.) Lloyd Myc. Writ. **7**: 1255, pl. 276 (f. 2721),
Jan. 1924.

Xylaria cudonia B. & C. Grev. **4**: 47, 1875.

Specimen: 12410, H. W. Ravenel, F. Carol, fasc. 3, no. 49, issued as
Hypoxylon concentricum Fr., filed as *Xylaria cudonia* by Lloyd.

DALDINIA FISSA Lloyd Myc. Writ. **7**: 1313, pl. 306, (f. 2986), Oct. 1924.

Specimen: 12382 (*Type*), W. R. Lowater, Toledo, Ohio. This is a synonym
of *D. vernicosa* (Schw.) Ces. & DeN. according to Child, Ann. Mo. Bot. Gard.
19: 469, 1932.

DALDINIA HIBISCI (Henn.) Lloyd Myc. Writ. **6**: 901, pl. 139 (f. 1587), Oct. 1919
(as *hibiscus*).

NEW FUNGUS NAMES

Hypoxyylon hibisci Henn. Hedwigia **47**: 259, 1908.

Specimen: 12408 (part of *Type*), *E. D. Merrill*, 4115, Phil. Islands. Child considers this species synonymous with *D. gollani* Henn.; see Ann. Mo. Bot. Gard. **19**: 466, 1932.

DALDINIA INTERMEDIA Lloyd Myc. Writ. **5**: Pyr. 25, July 1919.

Specimens: 12404 (*Type*), *G. D. Smith*, Akron, Ohio; 12405, *C. Goessel*, Cleveland, Wisconsin. Lloyd filed under this name specimens "with context of *Daldinia concentrica* and shape of *Daldinia vernicosa*." According to Child, Ann. Mo. Bot. Gard. **19**: 468, 1932, this is a synonym of *D. loculata* (Lév.) Sacc.

DALDINIA MURRILLII Lloyd Myc. Writ. **6**: 901, pl. 139 (f. 1588), Oct. 1919.

Specimen: 12402 (*Type*), *W. A. Murrill*, 292 and 295, Mexico. Referred by Child in Ann. Mo. Bot. Gard. **19**: 468, 1932, to *D. loculata* (Lév.) Sacc.

GLOBOSOPYRENO

GLOBOSOPYRENO Lloyd Myc. Writ. **7**: 1178, pl. 231 (f. 2361, 2362), Jan. 1923.
Type, *G. ater* Lloyd.

GLOBOSOPYRENO ATER Lloyd l.c.

Specimen: 11610 (*Type*), *J. E. A. Lewis*, Kobe, Japan.

HOLTUMIA

HOLTUMIA Lloyd Myc. Writ. **7**: 1285, pl. 296 (f. 2896-2898), June 1924.

Lloyd reports Wakefield's suggestion that the type, *H. congregata* Lloyd, could be included in *Ustulina*, which in his opinion would necessitate emending the latter genus.

HOLTUMIA CONGREGATA Lloyd l.c.

Specimen: 7259 (*Type*), *R. E. Holttum*, 8831, Brit. Malaya, Sept. 1922.

HYPODISCUS

HYPODISCUS Lloyd Myc. Writ. **7**: 1181, pl. 233 (f. 2379), Jan. 1923.

Genus based on *H. rickii* Lloyd, which is distinguished from *Sarcoxyylon* by the carbonous stroma.

HYPODISCUS RICKII Lloyd l. c. Rick Broteria Ser. Bot. **25**: 34, 1931.

Specimens: 7541, 11492, *J. Rick*, Brasil. The type is not indicated; possibly both specimens were used as the basis of the description.

HYPOXYLINA

HYPOXYLINA DISCINA Lloyd Myc. Writ. **7**: 1354, pl. 333 (f. 3171, 3172), July 1925.

Specimen: 12859 (*Type*), *T. Matsumoto*, Morioka, Japan. An unpublished note by C. L. Shear filed with the specimen refers this species to *Cenangium prunastri* (Pers.) Fr.

HYPOXYLINA FUSCO-AREOLATA (Rehm) Lloyd Myc. Writ. **7**: 1314, pl. 306 (f. 2994-2996), Oct. 1924.

NEW FUNGUS NAMES

Penzigia fusco-areolata Rehm Ann. Myc. **5**: 527, 1907.

Specimens: 11465, 11220, *J. Rick*, Brasil; 13028, *T. Petch*, 4568, Hakgala, Ceylon, May 1912, ex-type of *Penzigia poroniaeformis* Petch.

HYPOXYLINA PELTATA Lloyd Myc. Writ. **7**: 1315, pl. 307 (f. 3007), Oct. 1924.

Specimens: 11216 (*Type*), *J. Rick*, 156, Brasil; 11213, 11218, 11221, 11223, same source.

HYPOXYLON

HYPOXYLON CIRCUMSCRIBUM Lloyd Myc. Writ. **7**: 1312, pl. 304 (f. 2977), Oct. 1924.

Specimen: 10610 (*Type*), *W. R. Lowater*, Toledo, Ohio, on oak.

HYPOXYLON FISSUM Lloyd Myc. Writ. **7**: 1121, pl. 201, (f. 2141), Feb. 1922.

Specimen: 11522 (*Type*), *C. E. Fairman*, New York.

HYPOXYLON MACNOSPORUM Lloyd Myc. Writ. **6**: 1054, pl. 180 (f. 1964), May 1921.

Specimen: 11589 (*Type*), *E. B. Sterling*, 15, New Jersey, July 1920. According to an unpublished note by *C. L. Shear*, this specimen is *Ustulina vulgaris* Tul.

HYPOXYLON NUCELE Lloyd Myc. Writ. **7**: 1180, pl. 233 (f. 2376), Jan. 1923; 1314, pl. 307 (f. 3000, 3001), Oct. 1924.

Specimens: 11594 (*Type*), *V. Marilao*, comm. *O. A. Reinking*, 9562, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1920; 55146, 55147, *R. E. Holttum*, 11350, 11351, Pahang, Brit. Malaya, Sept. 1923.

HYPOXYLON PARKSII Lloyd Myc. Writ. **7**: 1348, March 1925.

Hypoxylon tahitiensis Lloyd Myc. Writ. **7**: 1314, pl. 307 (f. 2997, 2998), Oct. 1924.

Specimen: 11364 (*Type*), *H. E. Parks*, 8071, Tahiti, June 1922, filed as *H. tahitiensis*. The name first given by Lloyd was preoccupied by *Hypoxylon tahitense* Baccarini N. Giorn. Bot. Ital. **11**: 417, pl. 4, 1904, and the species therefore renamed.

HYPOXYLON PERFORATUM Schw. [form] EFFUSUM Lloyd Myc. Writ. **7**: 1313, pl. 305 (f. 2982), Oct. 1924.

Specimen: 11700 (*Type*), *G. F. Atkinson* 2165, on *Arundinaria* sp. Whether or not Lloyd intended this for a new variety or form is not clear. The specimen label reads "*Hypoxylon perforatum* Schw.," the figure legend, "*Hypoxylon perforatum* (effused)."

HYPOXYLON ROSTRATUM Lloyd Myc. Writ. **6**: 1052, pl. 180 (f. 1956, 1957), May 1921.

Specimen: 11518 (*Type*), *L. Rodway*, 1058, Tasmania.

HYPOXYLON SEPARANS Lloyd Myc. Writ. **7**: 1314, pl. 307 (f. 2999), Oct. 1924 (as *seperans*).

Specimen: 11513 (*Type*), *R. E. Holttum*, Singapore, Brit. Malaya, Nov. 1923.

NEW FUNGUS NAMES

HYPOXYLON SIMILE Lloyd Myc. Writ. **7**: 1282, pl. 294 (f. 2881), June 1924.

Specimen: 11354 (*Type*), J. Mitchell, 24, Christchurch, New Zealand.

HYPOXYLON TAHITIENSIS Lloyd.

See *Hypoxylon parksii* Lloyd.

HYPOXYLON THOUARSIANUM (Lév.) Lloyd (as McGinty) Myc. Writ. **5**: Pyr. 26, July 1919 (as *H. thouarsiana*); **6**: 902, pl. 139 (f. 1592), Oct. 1919; **7**: 1313, pl. 306 (f. 2992, 2993), Oct. 1924.

Sphaeria thouarsiana Lév. Ann. Sc. Nat. III, **5**: 258, 1846.

Daldinia thouarsiana (Lév.) Sacc. Syll. Fungorum **1**: 395, 1882.

Specimens: 35911, North Carolina; 11883, 35912, 35913, 35914, 55138, 55139, California.

KRETZSCHMARIA

KRETZSCHMARIA ALBOCEPHALA Lloyd Myc. Writ. **7**: 1313, pl. 306 (f. 2990, 2991), Oct. 1924 (as *albocephalum*).

Specimen: 12602 (*Type*), H. Vanderyst, 12060, Belgian Congo.

KRETZSCHMARIA APODA Lloyd Myc. Writ. **7**: 1120, pl. 200 (f. 2137), June 1924.

Specimen: 12621 (*Type*), J. Rick, Brasil.

KRETZSCHMARIA BOTRITES Lloyd Myc. Writ. **6**: 995, pl. 161 (f. 1793), Sept. 1920. Chipp, Gard. Bull. Sts. Settlem. **2**: 334, 1921.

Specimen: 12606 (*Type*), T. F. Chipp, 5433, Singapore, Brit. Malaya, Dec. 1919, on dead *Hevea* stem.

KRETZSCHMARIA HELISCUS (Mont.) Lloyd sec. Miller in Chardon and Toro Myc.

Expl. Venezuela, p. 208, 1934. Attributed by Miller to Lloyd, but the combination was made previously by Patouillard; *K. heliscus* (Mont.) Pat. in Duss Enum. Meth. Champ. Guadeloupe & Martinique 75, 1903.

KRETZSCHMARIA TUCKERI Lloyd Myc. Writ. **7**: 1353, pl. 333 (f. 3163, 3164), July 1925, without description. Seaver and Chardon, Sci. Survey of Porto Rico, p. 67, 1926.

The following unpublished description is filed with the specimen: "Densely caespitose, with small, simple, confluent stalks; dark brown to the eye but with white context; heads subglobose, tuberculate with protruding perithecia; spores scanty. The specimens, which are immature, grew on a log. My attention was called at once to the unusual appearance of this species with its rough, tuberculate heads such as noted on no other excepting *Kretzschmaria heliscus*. The latter is a smaller, much blacker species, with heads not nearly so rough."

Specimen: 11992 (*Type*), C. M. Tucker, 430, Mayaguez, Puerto Rico, Nov. 1914.

KRETZSCHMARIA TURBINATA (E. & E.) Lloyd Myc. Writ. **6**: 1033, May 1921.

Poronia turbinata E. & E. Bull. Lab. Nat. Hist. Univ. Iowa **2**: 410, 1893.

Specimen: 11998 (part of *Type*).

NEW FUNGUS NAMES

NUMMULARIA

NUMMULARIA EMERGENS Lloyd Myc. Writ. **7**: 1353, pl. 332 (f. 3158-3160), July 1925. Seaver and Chardon, Sci. Survey of Porto Rico, p. 67, 1926.

Specimen: 12810 (*Type*), C. M. Tucker, 423, Mayaguez, Puerto Rico, Nov. 1924.

NUMMULARIA IANTHINA (Cke.) Lloyd Myc. Writ. **7**: 1312, pl. 304 (f. 2975, 2976), Oct. 1924.

Hypoxylon ianthinum Cke. Grev. **11**: 132, 1883.

Specimen: 12805, G. G. Hedgcock, 232, Sandia Mts., New Mexico, 1904, on *Populus tremuloides*.

NUMMULARIA PEZIZAEFORMIS Lloyd Myc. Writ. **7**: 1280, pl. 292 (f. 2861), June 1924.

Specimen: 11293 (*Type*), *Carestia*, Erb. Critt. Ital. 473, issued as *Hypoxylon poculiformis*.

NUMMULARIA STYGIA (Lév.) Lloyd (as McGinty) Myc. Writ. **7**: 1312, Oct. 1924 (as *stygium*).

Sphaeria stygia Lév. Ann. Sc. Nat. III, **5**: 258, 1846.

Hypoxylon stygium (Lév.) Sacc. Syll. Fungorum **1**: 379, 1882.

Specimens: None in the Lloyd Collection.

NUMMULAROIDEA

NUMMULAROIDEA (Cke. & Mass.) Lloyd Myc. Writ. **7**: 1281, pl. 293 (f. 2872), June 1924.

Diatrype, section *Nummularoidea* Cke. & Mass. Grev. **21**: **4**, 1892.

"The name *Nummularoidea* was proposed by Massee as a subsection of *Diatrype*, but surely the plant has nothing in common with *Diatrype*." *Type*, *N. artocreas* (Cke. & Mass.) Lloyd.

NUMMULAROIDEA ARTOCREAS (Cke. & Mass.) Lloyd l. c.

Diatrype artocreas Cke. & Mass. Grev. **21**: **4**, 1892.

Specimens: None in the Lloyd Collection.

PAUCITHECIUM

PAUCITHECIUM Lloyd Myc. Writ. **7**: 1200, pl. 246 (f. 2465, 2466), July 1923.
Type, *P. rickii* Lloyd.

PAUCITHECIUM RICKII Lloyd l. c. Rick Broteria Ser. Bot. **25**: 67, 1931.

Specimen: 7528 (*Type*), J. Rick, Rio Grande do Sul, Brasil.

PHYLLOCARBON

PHYLLOCARBON Lloyd Myc. Writ. **6**: 1066, pl. 185 (f. 2008), May 1921.

Based on *P. yasudai* Lloyd, "a foliaceous Pyrenomycete."

PHYLLOCARBON YASUDAI Lloyd l. c.

Specimen: 7536 (*Type*), A. Yasuda, 633, Mt. Kirishima, Japan, Sept. 1920.

NEW FUNGUS NAMES

PORODISCUS

PORODISCUS Lloyd Myc. Writ. **5**: 819, f. 1366-1370, March 1919. The genus is proposed by Lloyd for *P. rickii* Lloyd, "a Pyrenomycete with pores." It should be noted that a polypore genus *Porodiscus* Murrill was described in Bull. Torr. Bot. Club **30**: 432, 1903, so that Lloyd's *Porodiscus* should be given another name, if generically distinct from other pyrenomycetes.

PORODISCUS RICKII Lloyd **5**: 819, f. 1366-1370, March 1919; **7**: 1310, pl. 302 (f. 2956), Oct. 1924. Rick Broteria Ser. Bot. **25**: 39, 1931.

Specimens: 7280 and 7547, J. Rick, Brasil. Lloyd does not record the dates of these collections, so that it is uncertain which of them is the type.

PORONIA

PORONIA ACARICIFORMIS (Cke. & Mass.) Lloyd Myc. Writ. **5**: Xyl. 14, f. 1231, Sept. 1918; **6**: 938, pl. 152 (f. 1726), Jan. 1920; **7**: 1255, pl. 276 (f. 2720), Jan. 1924.

Xylaria agariciformis Cke. & Mass. Grev. **17**: 81, 1889.

Specimen: 12721, from *Massee*, no further data.

PORONIA KURZIANA (Curr.) Lloyd (as McGinty) Myc. Writ. **6**: 939, Oct. 1919. *Xylaria kurziana* Curr. Trans. Linn. Soc. II, **1**: 129, 1876.

Kretzschmaria kurziana (Curr.) Sacc. Syll. Fungorum **2** (Addenda ad vol. 1): 29, 1883.

Specimens: None found in Lloyd Collection.

PYRENOPOLYPORUS

PYRENOPOLYPORUS Lloyd Myc. Writ. **5**: 706, f. 1054, 1055, Oct. 1917.

Type, *P. hunteri* Lloyd.

PYRENOPOLYPORUS HUNTERI Lloyd l. c.; L. 69: 12, Apr. 1919.

Specimens: 10732 (*Type*), T. Hunter, 71, Coomassée, Africa; 10675, 10726, 10731, T. Hunter, Africa; 10727, C. Torrend, Brasil. In Myc. Writ. **5**: L. 69: 12, Apr. 1919, Lloyd states: "We have since gotten it from Brasil and conclude that it is what Starbäck called *Penzigia polyporus* from a resupinate piece, although we may be mistaken." This view is accepted by Miller, who includes both the Lloyd and Starbäck species as synonyms of *Hypoxylon sclerophlaeum* B. & C. in Chardon and Toro Myc. Expl. Venezuela, p. 205, 1934.

SOLENOPLEA

SOLENOPLEA PELTATA Lloyd Myc. Writ. **7**: 1354, pl. 334 (f. 3173-3175), July 1925. Seaver and Chardon Sci. Survey of Porto Rico, p. 68, 1926.

Specimen: 13027 (*Type*), C. M. Tucker, Mayaguez, Puerto Rico, Nov. 1924.

THAMNOMYCES

THAMNOMYCES ANDINA (Pat.) Lloyd Myc. Writ. **6**: 908, pl. 140 (f. 1604) [copied from Patouillard], Jan. 1920.

Xylobotryum andinum Pat. Bull. Herb. Boiss. **3**: 69, pl. 2, f. 2, 1895.

Specimens: None found in Lloyd Collection.

XYLARIA

XYLARIA ALBOMACULATA Lloyd Myc. Writ. **5**: 725, f. 1081, 1082, Nov. 1917.
Sacc. Syll. Fungorum **24**: 1098, 1928.

Specimens: 10472 (*Type*), *M. R. Espinosa*, 36, Peninsula of Taitao, Chile; 12668, same collector, Santiago, Chile. Lloyd filed a note with 12668: "I doubt if it is really distinct from *Xylaria scopiformis*."

XYLARIA ASSAMENSIS Lloyd Myc. Writ. **7**: 1249, pl. 272 (f. 2677), Jan. 1924.
Butler and Bisby Fungi of India, p. 41, 1931.

Specimens: None so labeled in the Lloyd Collection. *Type*, specimen collected by *R. S. Hole*, Assam, India, in the Kew Herbarium as *Xylaria dealbata*.

XYLARIA BAMBOOENSIS Lloyd Myc. Writ. **7**: 1285, pl. 296 (f. 2899), June 1924.

Specimens: 10447 (*Type*), *F. B. Serrano*, Bur. Sci. 39845, Lamao, Bataan Prov., Phil. Islands, June 1921, on *Bambusa blumeana*; 12778, 10514, *O. A. Reinking*, Tela, Honduras.

XYLARIA BECCARII Lloyd Myc. Writ. **7**: 1247, pl. 271 (f. 2665), Jan. 1924.

Specimen: 10078 (*Type*), Sarawak, in the Cesati herbarium as *X. corniformis*. Lloyd observes: "*Xylaria beccarii* is close, perhaps too close, to *Xylaria botuliformis*."

XYLARIA BIFUGURATA Lloyd Myc. Writ. **7**: 1202, pl. 247 (f. 2477), July 1923.

Specimens: None in the Lloyd Mycological Collection under this name. *Type*, *H. A. Lee*, Phil. Islands, not found.

XYLARIA BIFORMIS Lloyd Myc. Writ. **5**: Pyr. 31, July 1919 (nomen nudum);
6: 1031, pl. 171 (f. 1864), May 1921.

Specimens: 12549 (*Type*), *E. Fenix*, Bur. Sci. 28291, Apayao Subprov., Luzon, Phil. Islands, May 1917; 10484, *M. Ramos*, Bur. Sci. 13461, Phil. Islands; 10401, 12529-12532, *C. Torrend*, Brasil.

XYLARIA BIPINDENSIS Lloyd Myc. Writ. **5**: Xyl. 29, f. 1350, Dec. 1918; Pyr. 31, July 1919.

Specimens: 10456 (*Type*), *G. Zenker*, Cameroons, Africa; 141, 10385, 10415, 12777, all from Phil. Islands; 12358, *R. E. Holttum*, 9345, Brit. Malaya.

XYLARIA BOGORIENSIS Lloyd Myc. Writ. **7**: 1309, pl. 302 (f. 2950, 2951), Oct. 1924.

Specimen: 10316 (*Type*), *C. van Overeem*, 37, Java, on *Palaquium* sp.

XYLARIA BRASILIENSIS (Theiss.) Lloyd Myc. Writ. **6**: 893, pl. 135 (f. 1559), Oct. 1919; **7**: 1175, pl. 228 (f. 2338), Jan. 1923.

Xylaria scotica var. *brasiliensis* Theiss. Xylar. Austro-Bras. **5**, f. 1, 2, 1909.

Specimens: 12207, *J. Rick*, Brasil, on termite hills; 10135, 12210, same source; 12226, Bur. Sci. 40049, Phil. Islands; 10167, *R. Latham*, 12227, *H. H. Whetzel*, New York.

NEW FUNGUS NAMES

XYLARIA BREVICEPHALA Lloyd Myc. Writ. **7**: 1284, pl. 295 (f. 2889), June 1924.

Specimen: 10326 (*Type*), Rev. Sanchez, 47, Manila, Phil. Islands, Dec. 1922.

XYLARIA CAVERNOSA Lloyd Myc. Writ. **5**: 728, f. 1092, Nov. 1917. Sacc. Syll.

Fungorum **24**: 1098, 1928.

Specimen: 10089 (*Type*), J. P. Mousset, 34, Lawang, Java.

XYLARIA CHORDAEFORMIS Lloyd Myc. Writ. **5**: Xyl. 18, f. 1327, 1328, Dec. 1918.

Specimens: 10382 (*Type*), 10030, C. Torrend, 801, 389, Bahia, Brasil.

XYLARIA CLAVUS Lloyd Myc. Writ. **5**: 688, f. 1027, July 1917.

Specimen: 10011 (*Type*), J. P. Mousset, Lawang, Java. Lloyd points out that this should not be confused with *Kretzschmaria clavus* Fr. Summa Veg. Scand. 409, 1849.

XYLARIA COMPOSITA Lloyd Myc. Writ. **6**: 1055, pl. 181 (f. 1965, 1966), May 1921.

Specimens: 12485 (*Type*), and 10505, G. Zenker, Cameroons, Africa. "We apply a new name to this though we suspect it is *Xylaria poitei*, *Xylaria regalis*, etc."

XYLARIA CONCURSA Lloyd Myc. Writ. **5**: 678, f. 1009, June 1917. Sacc. Syll.

Fungorum **24**: 1098, 1928.

Specimen: 10489 (*Type*), M. R. Espinosa, 9, Chile. "It is possible that *Xylaria gracilis* and *Xylaria concursa* are different stages of the same species."

XYLARIA COOKEI Lloyd Myc. Writ. **5**: Xyl. 25, f. 1342, Dec. 1918.

Specimens: 10346 (*Type*), 10068, J. Rick, Brasil. Apparently a doubtful species, since Lloyd states: "As a matter of fact, however, I believe it is best classed as a form of *Xylaria apiculata*."

XYLARIA CORNU DORCAS Lloyd Myc. Writ. **7**: 1206, pl. 249 (f. 2498), July 1923.

Specimens: 10438 (*Type*), H. Vanderyst, Ipamu, Belgian Congo, Oct. 1920; 10380, H. Vanderyst, 10412, same locality, Sept. 1921.

XYLARIA CORRECTA Lloyd Myc. Writ. **7**: 1250, pl. 273 (f. 2691), Jan. 1924.

Specimens: 10280 (*Type*), G. H. Cunningham, 9, Weraroa, New Zealand, Sept. 1919; 10279, G. H. Cunningham, 1, Oct. 1919, both filed as *Xylaria cupressiformis*, to which they had previously been referred, Myc. Writ. **6**: 939, pl. 150, (f. 1715), Jan. 1920.

XYLARIA CUNEATA Lloyd Myc. Writ. **7**: 1180, pl. 232 (f. 2375), Jan. 1923.

Specimen: 10091 (*Type*), J. Rick, Brasil.

XYLARIA CUSPIDATA Lloyd Myc. Writ. **7**: 1310, pl. 303 (f. 2962, 2963), Oct. 1924.

Specimen: 10049, K. Gilmore, 200, comm. G. W. Martin, Coralville, Iowa, Apr. 1924, sent as *X. hypoxylon*. "This one was sent as *Xylaria hypoxylon* to which it may be best referred perhaps."

XYLARIA DECEPTIVA Lloyd Myc. Writ. **7**: 1250, pl. 274 (f. 2695), Jan. 1924 (as *deceptivus*).

Specimen: 10076 (*Type*), R. E. Holttum, 9325, Johore, Brit. Malaya, Nov. 1922.

XYLARIA DISCOIDEA Lloyd Myc. Writ. **5**: Xyl. 13, f. 1226-1229, Sept. 1918.

Specimens: 12642 (*Type*), J. Rick, 100, Brasil; 10319, 12634, 12639, 12646, 12650, 12675, all from the same source.

XYLARIA DIVISA Lloyd Myc. Writ. **6**: 1054, pl. 180 (f. 1962), May 1921.

Specimen: 10009 (*Type*), O. A. Reinking, 9630, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1920, on *Ficus* sp.

XYLARIA EXACUTA Lloyd Myc. Writ. **7**: 1144, pl. 206 (f. 2186), July 1922.

Specimen: 10391 (*Type*), J. Rick, Brasil. The specimen is labeled *X. exactus*, the note filed with it gives the name as *X. exaentus*.

XYLARIA FAVEOLIS Lloyd Myc. Writ. **5**: Xyl. 9, f. 1214-1216, Sept. 1918; Xyl. 31, f. 1354, 1355, Dec. 1918.

Specimens: 12424 (*Type*), J. Rick, 114, Brasil; also specimens from J. Rick, and C. Torrend, Brasil; T. Hunter, C. O. Farquharson and T. D. Maitland, Africa; O. A. Reinking, Phil. Islands; and J. B. Cleland, N. So. Wales.

XYLARIA FIMBRIATA Lloyd Myc. Writ. **5**: 726, f. 1083-1085, Nov. 1917; **7**: 1254, Jan. 1924. Butler and Bisby Fungi of India, p. 41, 1931. Seaver and Chardon, Sci. Survey of Porto Rico, p. 69, 1926.

Specimens: 10477 (*Type*), J. A. Stevenson, 6564, Rio Piedras, Puerto Rico; 10483 and 55202, same source; 10497, S. R. Bose, 21, India. Later, Myc. Writ. **7**: 1254, 1924, Lloyd states: "It is conidial and should not have been named."

XYLARIA FLEXA Lloyd Myc. Writ. **7**: 1180, pl. 232 (f. 2372), Jan. 1923.

Specimen: 10266 (*Type*), G. M. Reyes, comm. H. A. Lee, Basilan, Phil. Islands, June 1921. Apparently a doubtful species: "We find no spores and would not name it, but the general characteristics are so different from any species we know."

XYLARIA FROGGATTII Lloyd Myc. Writ. **7**: 1252, pl. 275 (f. 2707), Jan. 1924.

Specimen: 10269 (*Type*), W. W. Froggatt, 13714, Sydney, Australia, filed as *X. cinnabarina*, as which it had previously been determined; see Myc. Writ. **6**: 896, pl. 136 (f. 1569), Oct. 1919.

XYLARIA FUSCA Lloyd Myc. Writ. **5**: 770, f. 1155, 1156, June 1918.

Specimens: 12029 (*Type*), J. E. A. Lewis, Kobe, Japan; also specimens from J. D. Burke and F. S. Earle, Alabama; W. R. Lowater and C. G. Lloyd, Ohio; J. C. Dunegan, Georgia; F. H. Ames, New York; J. Rick, Brasil; H. C. Hawley, England; and A. Yasuda, Japan.

XYLARIA GRAMMICA Mont. [var.] **ALBIDA** Lloyd Myc. Writ. **6**: 896, Oct. 1919.

Specimen: 11844 (*Type*), J. Rick, Brasil.

XYLARIA HUMOSA Lloyd Myc. Writ. **7**: 1179, pl. 231 (f. 2364), Jan. 1923.

Specimen: 10001 (*Type*), T. A. Tengwall, 6, Madioen, Java, Feb. 1922.

XYLARIA HYPOXYLOIDES Lloyd Myc. Writ. **7**: 1252, pl. 275 (f. 2709), Jan. 1924.

Specimen: 10375 (*Type*), R. E. Holttum, 9322, Jalan Mersung, Brit. Malaya, Nov. 1922.

NEW FUNGUS NAMES

XYLARIA KEDAHAE Lloyd Myc. Writ. **6**: 910, pl. 141 (f. 1614), Jan. 1920. Chipp Gard. Bull. Sts. Settle. **2**: 336, 1921.

Specimen: 10323 (*Type*), T. F. Chipp, 4982, Kedah Peak, Brit. Malaya, Aug. 1919.

XYLARIA LAEVIS Lloyd Myc. Writ. **5**: Xyl. 8, Sept. 1918; Pyr. 31, July 1919.

Specimens: 12465 (*Type*), E. Cheel, 115, Solomon Islands; 10087, T. Hunter, Ashanti, W. Africa; 12508, G. Zenker, Cameroons, Africa; 12507, 12481, 12480, comm. O. A. Reinking, Phil. Islands.

XYLARIA LANCEA Lloyd Myc. Writ. **5**: Xyl. 27, f. 1346, Dec. 1918.

Specimens: 11824 (*Type*), J. Rick, Brasil; 10 additional specimens, same data.

XYLARIA LUTEOSTROMATA Lloyd Myc. Writ. **5**: Pyr. 31, July 1919 (as *X. luteostroma*); **6**: 896-897, pl. 136 (f. 1572), Oct. 1919; 993, pl. 160 (f. 1779), Sept. 1920.

Specimens: 12962 (*Type*), Elmer, 7217, comm. E. D. Merrill, Phil. Islands, determined as *Xylaria corniformis*; 10406, E. D. Merrill, 10549, and eight collections, comm. O. A. Reinking, all from Phil. Islands.

XYLARIA LUXURIANS (Rehm) Lloyd Myc. Writ. **5**: Xyl. 29, f. 1348, 1349, Dec. 1918. Miller in Chardon and Toro Myc. Expl. Venezuela, p. 217, 1934.

Xylaria carpophila (Pers.) Fr. var. *luxurians* Rehm Hedwigia **40**: 147, f. 25, 1901.

Specimens: 11859, 10096, 10462, J. Rick, Brasil.

XYLARIA MAUMEEI Lloyd Myc. Writ. **7**: 1279, pl. 292 (f. 2856), June 1924; 1309, pl. 302 (f. 2954), Oct. 1924.

Specimens: 12541 (*Type*), W. R. Lowater, Toledo, Ohio; 10485, P. Spaulding, 2645, Bethel, Vermont, Oct. 1914, on *Acer saccharinum*.

XYLARIA MORGANI Lloyd Myc. Writ. **7**: 1249, pl. 272 (f. 2679), Jan. 1924.

Specimen: 10403 (*Type*), A. P. Morgan, 1137, part of specimen in N. Y. Bot. Gard., determined by Cooke as *X. conocephala*.

XYLARIA MORIFORMIS Lloyd Myc. Writ. **5**: Xyl. 30, f. 1353, Dec. 1918; **6**: 1031, pl. 171 (f. 1865), May 1921.

Specimens: 10441 (*Type*), T. Hunter, 207, Ashanti, W. Africa; 10491, G. F. Atkinson, Ithaca, New York, determined by Rehm as *X. inaequalis*.

XYLARIA MUSCANDAE Lloyd Myc. Writ. **6**: 894, pl. 135 (f. 1560), Oct. 1919.

Specimens: 12845 (*Type*), T. Petch, 3946, Ceylon; 55204, same source.

XYLARIA MUSCULA Lloyd Myc. Writ. **6**: 994, pl. 160 (f. 1780. 1781), Sept. 1920.

Specimens: 10469 (*Type*), C. Torrend, 765, Brasil; 55201, same source; 10498, Small, 6129, Florida; 12852, 55203, C. E. Chardon, Puerto Rico.

XYLARIA MYCELIOIDES Lloyd Myc. Writ. **7**: 1310, pl. 303 (f. 2959), Oct. 1924.

Specimens: 32266 (*Type*), G. G. Hedgcock, 1546, Takoma Park, Maryland,

NEW FUNGUS NAMES

March 1909, on *Quercus marylandica*: 24018, *A. C. Boulou*, Fairmont, West Virginia. Both of these specimens are labeled and filed as *Urnula craterium*, with the note: "Considered an immature *Xylaria* when received. Afterwards named *Xylaria mycelioides*."

XYLARIA MYROSIMILA Lloyd Myc. Writ. **7**: 1355, pl. 335 (f. 3184), July 1925.
Specimen: 10363 (*Type*), *S. Rapp*, 4. Robinson's Spring, Florida. Aug. 1924.

XYLARIA NIGRESCENS (Sacc.) Lloyd Myc. Writ. **5**: Xyl. 8, f. 1213, Sept. 1918;
6: 894, pl. 136 (f. 1564), Oct. 1919.

Xylaria involuta Kl. var. *nigrescens* Sacc. Ann. Myc. **4**: 75, pl. 2, f. 6, 1906.

Specimens: 12509, *G. Zenker*, Cameroons, Africa; 12499, 12502, *E. Luja*, 12503, *J. Gossweiler*, 10431, *T. Hunter*, all from Africa; 12482, comm. *O. A. Reinking*, 5678, Phil. Islands; 12501, *C. Torrend*, Brasil.

XYLARIA NODULOSA Lloyd Myc. Writ. **6**: 1007, pl. 170 (f. 1853), Sept. 1920.
Specimens: 10518 (*Type*), *J. Rick*, Brasil; 55197, same source.

XYLARIA OCELLATA Lloyd Myc. Writ. **5**: Xyl. 6, f. 1209, 1210, Sept. 1918;
7: 1252, Jan. 1924.

Specimen: 10511 (*Type*), collector unknown, Congo, Africa, 1906. Later referred by Lloyd to *X. cynoglossa*: "We believe now that *X. ocellata* is an old condition of this plant," Myc. Writ. **7**: 1252, Jan. 1924.

XYLARIA OVATA Lloyd Myc. Writ. **5**: Xyl. 9, f. 1217, Sept. 1918.

Specimens: 10362 (*Type*), *J. P. Mousset*, 12. Lawang, Java. Oct. 1911; 10501, *O. A. Reinking*, 9733, Mt. Maquiling, Phil. Islands, Sept. 1920.

XYLARIA PANNOSA Lloyd Myc. Writ. **5**: Xyl. 8, Sept. 1918.
Specimen: 10470 (*Type*), *J. Rick*, 288, Brasil.

XYLARIA PAPULIS Lloyd Myc. Writ. **6**: 1055, pl. 181 (f. 1967-1970), May 1921.
Specimens: 12276, 10461, *V. Demange*, 5052, Hanoi, China; 8 specimens comm. *O. A. Reinking*, Phil. Islands. The species is based on a museum specimen determined as *Xylaria guyanensis*, probably at Kew.

XYLARIA PARTITA Lloyd Myc. Writ. **5**: 675, f. 1002, June 1917. Sacc. Syll. Fungorum **24**: 1097, 1928. Seaver and Chardon Sci. Survey of Porto Rico, p. 70, 1926.

Specimen: 10458 (*Type*), *J. A. Stevenson*, 3483, Rio Piedras, Puerto Rico, Dec. 1915. "We have a feeling, however, that *Xylaria partita* is only a branching, proliferous form of *Xylaria scopiformis*."

XYLARIA PENICILLA Lloyd Myc. Writ. **6**: 995, pl. 161 (f. 1790), Sept. 1920.
Specimen: 10500 (*Type*), *J. R. Johnston*, 930, Puerto Rico.

XYLARIA PETCHII Lloyd Myc. Writ. **7**: 1310, pl. 303 (f. 2960, 2961), Oct. 1924.
Specimen: 10407 (*Type*), *T. Petch*, 6126, Peradeniya, Ceylon, Jan. 1919.

NEW FUNGUS NAMES

XYLARIA PRAEFFECTA Lloyd Myc. Writ. **7**: 1248, Jan. 1924.

Specimen: 10077 (*Type*). *O. A. Reinking*, 9571, Mt. Maquiling, Phil. Islands, Sept. 1920, sent as *X. eucephala*. This species was previously considered as *X. eucephala* by Lloyd; see Myc. Writ. **7**: 1181, pl. 233 (f. 2382), Jan. 1923.

XYLARIA RADICANS Lloyd Myc. Writ. **5**: 725, f. 1080, Nov. 1917. Sacc. Syll. Fungorum **24**: 1098, 1928.

Specimen: 10016 (*Type*). *H. Vanderyst*, Leversville, Belgian Congo, Africa. "Perhaps this is a variation of *Xylaria nigripes*."

XYLARIA RAMOSA Lloyd in herb.

"Clubs cylindrical, much branched, with obtuse, fertile tips; color black, no cuticle; surface rugulose; perithecia small; stroma white, solid but rather soft; spores $6 \times 12\mu$. The branches are flattened and incurved, the plant somewhat the shape of an antler. We would enter it in the polymorphum group (31)."

Specimen: 10008 (*Type*). *J. Rick*, Brasil. Listed by Lloyd, Myc. Writ. **6**: 1020, Sept. 1920, but the description quoted above was never published.

XYLARIA RAMUS Lloyd Myc. Writ. **7**: 1283, p. 294 (f. 2883), June 1924.

Specimen: 10465 (*Type*). *W. R. Lowater*, Toledo, Ohio. According to Lloyd this agrees with the description of *Xylaria cornu damae* Schweinitz, but not with type or cotype specimens.

XYLARIA REINKINGII Lloyd Myc. Writ. **7**: 1205, pl. 249 (f. 2492, 2493), July 1923.

Specimens: 12848 (*Type*). *A. Lizaso*, 4144, comm. *O. A. Reinking*, Los Banos, Phil. Islands, July 1914; 10480, *C. Nacion*; 55205, 55206, *O. A. Reinking*, all from the Phil. Islands; 77, *J. Rick*, Brasil.

XYLARIA (?) REPENS Lloyd Myc. Writ. **7**: 1181, pl. 233 (f. 2380, 2381), Jan. 1923.

Specimen: Based on a collection by *A. Fello*, 11023, comm. *O. A. Reinking*, Phil. Islands, which could not be found among Lloyd's specimens. His note reads: "It is of much interest, but probably not a *Xylaria*."

XYLARIA RETICULATA Lloyd Myc. Writ. **7**: 1354, pl. 333 (f. 3169, 3170), July 1925.

Specimen: 10369 (*Type*). *P. A. van der Bijl*, 1350, Stellenbosch, U. So. Africa.

XYLARIA RIMULATA Lloyd Myc. Writ. **7**: 1354, pl. 334 (f. 3177, 3178), July 1925.

Specimen: 10422 (*Type*). *H. Hill*, Waikaremoana Lake, New Zealand.

XYLARIA SANCHEZII Lloyd Myc. Writ. **7**: 1283, pl. 294 (f. 2884), June 1924; 1310, pl. 303 (f. 2966, 2967), Oct. 1924. Butler and Bisby Fungi of India, p. 43, 1931.

Specimens: 10038 (*Type*). *Rev. Sanchez*, 2, Manila, Phil. Islands, Aug. 1922; 10081, *H. Chaudhuri*, Calcutta, India, July 1923.

NEW FUNGUS NAMES

XYLARIA SQUAMOSA Lloyd Myc. Writ. **7**: 1180, pl. 232 (f. 2374), Jan. 1923; 1279, pl. 292 (f. 2858), June 1924.

Specimens: 10509 (*Type*) and 12176, *G. Ducharme*, Canada, on *Acer saccharinum* in cellar; 12175, *W. R. Lowater*, Toledo, Ohio.

XYLARIA STROMAFERA Lloyd Myc. Writ. **7**: 1246, pl. 271 (f. 2663), Jan. 1924.

Specimens: Nothing under this name in the Lloyd Collection. The type is a specimen in the Cesati Herbarium from Sarawak, referred to *X. axifera* by Cesati.

XYLARIA STROMATICA Lloyd Myc. Writ. **5**: 770, f. 1157, June 1918.

Specimen: 10379 (*Type*), *C. Torrend*, 688, Bahia, Brasil.

XYLARIA THEISSENII Lloyd Myc. Writ. **5**: 677, f. 1007, June 1917; Xyl. 27, f. 1345, 1347, Dec. 1918. Sacc. Syll. Fungorum **24**: 1102, 1928.

Specimens: None found in the Lloyd Collection. *Type*, *F. Theissen*, Sao Leopoldo, Brasil, 1907, Theiss. Exs. 235 as *X. thyrsus*.

XYLARIA TIMORENSIS Lloyd Myc. Writ. **6**: 896, pl. 136 (f. 1570), Oct. 1919; 973, May 1920; 1056, pl. 181 (f. 1971, 1972), May 1921; **7**: 1121, pl. 201 (f. 2145, 2146), Feb. 1922. Butler and Bisby Fungi of India, p. 43, 1931.

Specimens: 11943 (*Type*), *C. Torrend*, 388, Island of Timor; also specimens from *J. Martin* and *D. Marudarajan*, India; and numerous collections comm. *O. A. Reinking*, Phil. Islands.

XYLARIA TUBERCULOSA Lloyd Myc. Writ. **5**: 769, f. 1153, 1154, June 1918.

Specimen: 10043 (*Type*), *C. Torrend*, 683, Brasil.

XYLARIA VANDERYSTII Lloyd Myc. Writ. **7**: 1119, pl. 199 (f. 2127), Feb. 1922.

Specimens: 10468 (*Type*), *H. Vanderyst*, 8149, Belgian Congo, Oct. 1920; 10846, same source.

XYLOBOTRYUM

XYLOBOTRYUM RICKII Lloyd Myc. Writ. **7**: 1350, pl. 330 (f. 3135, 3136), July 1925.

Specimen: 7293 (*Type*), *J. Rick*, Brasil.

HYPOCREACEAE

BALANSIA

BALANSIA CLAVULA (B. & C.) Lloyd Myc. Writ. **7**: 1259, pl. 278 (f. 2745), Jan. 1924.

Xylaria clavulus B. & C. Grev. **4**: 47, 1875.

Specimens: None in the Lloyd Collection.

CLINTONIELLA

CLINTONIELLA ARMENIACA (B. & C.) Lloyd (as McGinty) Myc. Writ. **7**: 1217, July 1923.

Hypocrea armeniaca B. & C. Proc. Am. Acad. **4**: 128, 1860.

NEW FUNGUS NAMES

Specimens: Not represented in the Lloyd Collection. The scanty type specimen of *Hypocrea armeniaca* resembles *Clintoniella* according to Lloyd. No spores were found and he suggests the name "in anticipation" on the supposition that additional collections may justify the transfer.

CLINTONIELLA PELTATA (Wakefield) Lloyd Myc. Writ. **7**: 1258, pl. 278 (f. 2740, 2741), Jan. 1924.

Cordyceps peltata Wakefield Kew Bull. **1916**: 74, 1916.

Specimens: None in the Lloyd Collection. The species was considered by Lloyd as most closely allied to *Clintoniella*, particularly in spore character, but in his opinion representing a separate genus.

CORDYCEPS

CORDYCEPS AEMONAE Lloyd Myc. Writ. **6**: 932, pl. 149 (f. 1695), Jan. 1920.
Cunningham Trans. N.Z. Inst. **53**: 380, pl. 59, f. 1, text-f. 7, 8, 1921.

Specimen: 37157 (*Type*), G. H. Cunningham, 51, Weraroa, New Zealand, Sept. 1919, on larvae of *Aemona hirta*.

CORDYCEPS CAPITATA var. *CANADENSIS* (Ell. & Ev.) Lloyd Myc. Writ. **5**: 609, f. 860, Dec. 1916.

Cordyceps canadensis Ell. & Ev. Bull. Torr. Bot. Club **25**: 501, 1898.

See *Cordyceps japonica* Lloyd.

CORDYCEPS CONCURRENS Lloyd Myc. Writ. **7**: 1180, pl. 232 (f. 2370-2371), Jan. 1923.

Specimen: 41266 (*Type*), J. Rick, Lageado, Brasil, July 1921. According to Petch, Trans. Brit. Myc. Soc. **18**: 52, 1933, this "appears from the photograph to be *C. polyarthra*."

CORDYCEPS CRAIGH Lloyd Myc. Writ. **4**: 527, f. 718, Dec. 1915. Cunningham Trans. N. Z. Inst. **53**: 376, pl. 60, f. 3, text-fig. 1-2, 1921.

Specimen: 37156 (*Type*), E. Craig, Auckland, New Zealand, on larva of a lepidopterous insect.

CORDYCEPS CRINALIS Ell. ined. in Lloyd Myc. Writ. **6**: 912, pl. 142 (f. 1619), Jan. 1920.

Specimens: None in the Lloyd Collection. The *type* is a specimen in the N. Y. Bot. Gard. from Newfield, New Jersey, named in manuscript by Ellis, who later considered it identical with *C. sphingum*. Lloyd, however, regards it as a distinct species.

CORDYCEPS HILLII Lloyd Myc. Writ. **6**: 1061, pl. 183 (f. 1994), May 1921.

Specimen: 35731 (*Type*), H. H. Hill, Napier, New Zealand.

CORDYCEPS JAPONICA Lloyd Myc. Writ. **6**: 913, pl. 142 (f. 1621), Jan. 1920.

Specimen: 35751 (*Type*), J. Umemura, 169, Okazaki, Japan, June 1916. This was described earlier (Myc. Writ. **5**: 609, f. 860, Dec. 1916) as *Cordyceps capitata* var. *canadensis*, since at that time Lloyd regarded the Japanese specimen as identical with Ellis' species.

NEW FUNGUS NAMES

CORDYCEPS MELBOURNENSIS Lloyd Myc. Writ. **7**: 1353, pl. 332 (f. 3153), July 1925.

Specimen: 35733 (*Type*), C. C. Brittlebank, Melbourne, Australia, filed as *C. taylori*. Lloyd apparently preferred to call this specimen *C. taylori*, and so labeled the specimen, as well as the paragraph heading and legend of the illustration. The name *C. melbournensis* is suggested "should anyone think this should have a different name from *Cordyceps taylori*."

CORDYCEPS RICKII Lloyd Myc. Writ. **6**: 914, pl. 143 (f. 1628-1630), Jan. 1920.

Specimens: 37238 (*Type*), J. Rick, Brasil; 41265, 41268, 41271, 41275, same data. Lloyd notes that this may possibly be *C. hormospora* of Moeller.

CORDYCEPS THWAITESII Lloyd Myc. Writ. **6**: 1060, pl. 183 (f. 1992), May 1921 (as *thwaitsii*); **7**: 1131, 1301, pl. 331 (f. 3143), March 1925.

Specimens: None in the Lloyd Collection. The type is a specimen from Ceylon, coll. *Thwaites*, in the Berkeley Herbarium as *C. dipterigena*. Later, Myc. Writ. **7**: 1131, Feb. 1922, Lloyd reports Thaxter's opinion that this species is a form of *Cordyceps dipterigena*; Petch also agrees, as quoted by Lloyd, Myc. Writ. **7**: 1351, pl. 331 (f. 3143), March, 1925, but Lloyd is inclined to consider the two distinct.

CORDYCEPS TRICENTRI Lloyd Myc. Writ. **4**: L. 60: 14, Dec. 1915; 568, f. 775. 776, March 1916; **5**: 607, Dec. 1916 (as *tricentrus*); L. 69: 15, Apr. 1916.

Specimens: 57854 (*Type*), A. Yasuda, 317, Japan, Aug. 1915, on *Aphorophora intermedia* (previously identified as *Tricentrus*); 35752, A. Yasuda, 2, same data. The authorship of the species is questionable. Although in his last reference Lloyd refers to Prof. Yasuda "who named this species," his earlier statement: "We are indebted to Prof. A. Yasuda for the specimen, also for the name of the host" is more accurate, since Lloyd apparently described the species. No. 35752 was labeled by Yasuda as *Cordyceps tricentrus* Lloyd. In Bot. Mag. Tokyo **36**: (51), 1922, Yasuda renamed this fungus (cited here as *C. tricentri* Yasuda) as *C. aphorophorae* Yasuda, on the basis of the corrected host determination. Lloyd notes: "It is probably better, however, to consider it as a form of *Cordyceps nutans*."

ECHINODOTHIS

ECHINODOTHIS ORCHIDEACEARUM (Rick) Lloyd Myc. Writ. **6**: 924, pl. 146 (f. 1655), Jan. 1920.

Dussiella orchideacearum Rick Broteria **5**: 42, 1906.

Specimen: 5917, J. Rick, Brasil.

ENTONAEMA

ENTONAEMA AURANTIACA (Pat.) Lloyd Myc. Writ. **7**: 1203, pl. 248 (f. 2481). July 1923.

Sarcoxylon aurantiacum Pat. Bull. Soc. Myc. Fr. **27**: 331, 1911.

Specimens: 6129, R. P. Burke, 73, Montgomery, Alabama, filed as *Entonaema*; 44175, T. Petch, 5380, Ceylon, as *Sarcoxylon*.

NEW FUNGUS NAMES

ENTONAEMA CINNABARINA (Cke. & Mass.) Lloyd Myc. Writ. **7**: 1203, pl. 248 (f. 2483), July 1923.

Xylaria cinnabarina Cke. & Mass. Grev. **15**: 101, 1887.

Specimens: 6125, Australia from Cooke; 10269, *W. W. Froggatt*, Sydney, Australia, filed as *Xylaria cinnabarina*.

ENTONAEMA SPLENDENS (B. & C.) Lloyd Myc. Writ. **7**: 1202, pl. 247 (f. 2473), 1203, pl. 248 (f. 2479, 2480), July 1923.

Xylaria splendens B. & C. Jour. Linn. Soc. **10**: 382, 1869.

Glaziella splendens Berk. Vidensk. Medd. naturh. Foren. Kjobenh. **31/32**: 31, 1879-1880.

Specimens: 6201, *J. Rick*, Brasil; 6132, *J. Gossweiler*, 87, Loanda, Africa, March 1917, both filed as *Glaziella splendens*.

HYPOCREA

HYPOCREA (PODOCREA) LLOYDII Bres. in Lloyd Myc. Writ. **1**: 87, f. 55, Apr. 1902; 99, Sept. 1902; 156, March 1903.

Specimens: None in the Lloyd Collection. Referred by Saccardo to *Podocrea lloydii* (Bres.) Sacc. & D. Sacc., Syll. Fungorum **17**: 799, 1905; and by Seaver to *Podostroma alutaceum* (Pers.) Atk., Mycologia **2**: 60-61, 1910.

HYPOCREA MESENTERICA Bres. & Pat. in Lloyd Myc. Writ. **1**: 50, May 1901. Sacc. Syll. Fungorum **16**: 586, 1902.

Specimens: 6091 (*Type coll.*) *C. G. Lloyd*, Samoa, Jan. 1900; 42987, same data, 1904-1905; 6058, *J. Gossweiler*, 240, Angola, Africa; 6086, *O. A. Reinking*, 3629, Los Banos, Phil. Islands; 6220, *A. Yasuda*, 303, Mikawa, Japan, Oct. 1914, on *Zelkova acuminata*.

HYPOCREA USTULINOIDES Rick in Lloyd Myc. Writ. **7**: 1257, pl. 277 (f. 2730), Jan. 1924.

"Stroma asciferum albo-griseum, solidum, expansum, marginatum, ostiolis brunneis pictum, ascis filiformibus, longissimis, 4μ latis; sporis 16, hyalinis, in asco jam separatis, 5-6x 4μ . In cortice arboris frondosi *Cedrelae brasiliensis*. Habet habitum *Ustulinae* cujusdam nondum maturae."

Specimen: 6094 (*Type?*), *J. Rick*, Brasil. Rick's description quoted above is filed with the specimen.

HYPOCRELLA

HYPOCRELLA CERAMICHROA (B. & Br.) Lloyd Myc. Writ. **7**: 1307, pl. 300, (f. 2927, 2928), Oct. 1924.

Hypoxylon ceramichroum B. & Br. Jour. Linn. Soc. **14**: 120, 1873.

Glaziella ceramichroa (B. & Br.) Cke. Grev. **11**: 83, 1883.

Specimen: 5924, *J. Rick*, Brasil.

HYPOCRELLA JAPONICA Lloyd Myc. Writ. **7**: 1307, pl. 300 (f. 2929, 2930), Oct. 1924.

NEW FUNGUS NAMES

Specimen: 50002 (*Type*), J. Umemura, 222, Nagoya, Japan, 1921, on bamboo. "While we have a feeling that this is *Hypocrella ceramichroa*, we can not so refer it until the discrepancies are explained."

OPHIONECTRIA

OPHIONECTRIA CORDYCEPS Lloyd Myc. Writ. **5**: 692, f. 1035, July 1917.

Specimen: 42580 (*Type*), H. Hill, Napier, New Zealand, on *Cordyceps robertsii*.

PODOCREA

PODOCREA ANOMALA Lloyd Myc. Writ. **6**: 1053, pl. 180, (f. 1960, 1961), May 1921; **7**: 1132, Feb. 1922.

Specimen: 6025 (*Type*), E. Collado, comm. O. A. Reinking, 9726, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1920. Doubtfully assigned to *Podocrea* by Lloyd, who comments on its resemblances to various other genera, *Kretzschmaria*, *Hypocrea*, *Hypocreopsis*, etc.: "We put it in *Podocrea* as a matter of convenience."

PODOCREA GROSSA (Berk.) Lloyd Myc. Writ. **7**: 1259, pl. 278 (f. 2747), Jan. 1924. Butler and Bisby Fungi of India, p. 36, 1931.

Hypocrea grossa Berk. Jour. Bot. & Kew Misc. **3**: 206, 1851.

Specimens: None in the Lloyd Collection. Lloyd refers to a specimen from Chipp, "quite close if not this species," but this could not be located. Boedijn (Bull. Jard. Bot. Buitenzorg III, **13**: 273, 1934) transfers the species to *Podostroma grossum* (Berk.) Boedijn.

PODOCREA TRANSVAALII Lloyd Myc. Writ. **6**: 1032, pl. 172 (f. 1876), May 1921; **7**: 1132, Feb. 1922.

Specimen: 6050 (*Type*), K. A. Lansdell, comm. A. M. Bottomley, 12493, Durban, Natal, U. So. Africa, May 1920.

PODOCREA XYLARIOIDES Lloyd Myc. Writ. **5**: 844, f. 1412, Apr. 1919.

Specimen: 6156 (*Type*), A. Yasuda, 527, Prov. Ishikari, Japan, July 1918.

PSEUDOSOLIDUM

PSEUDOSOLIDUM Lloyd (as McGinty) Myc. Writ. **7**: 1206, pl. 249 (f. 2497), July 1923. *Type*, *P. solidum* (Schw.) Lloyd.

PSEUDOSOLIDUM SOLIDUM (Schw.) Lloyd l. c.

Rhytisma solidum Schw. mss.

Hypoxylon solidum (Schw.) B. & C. Jour. Acad. Sci. Phil. II, **2**: 286, 1854.

Hypocrea solida (Schw.) Cke. Grev. **13**: 8, 1884.

Specimens: None in the Lloyd Collection. Based on a single specimen sent to Schweinitz from Surinam. The heading and legend of the illustration are labeled by Lloyd as *Hypocreopsis solidus*, although he notes that the colored spores exclude it from that genus, so justifying the creation of his new one.

NEW FUNGUS NAMES

SARAWAKUS

SARAWAKUS Lloyd Myc. Writ. **7**: 1258, pl. 277 (f. 2739), Jan. 1924. Type, *S. lycogaloides* (Berk. & Br.) Lloyd.

SARAWAKUS LYCOGALOIDES (Berk. & Br.) Lloyd l. c.

Hypoxylon lycogaloides B. & Br. Jour. Linn. Soc. **14**: 120, 1873.

Hypocrea rhytidispora Ces. Atti Accad. Sci. Napoli **8**: no. 3: 14, pl. 3, 1879.

Sarcoxylon lycogaloides (B. & Br.) Cke. Grev. **12**: 50, 1883.

Specimen: 7537 (part of *Type*). This monotypic genus is discussed at length by Boedijn Bull. Jard. Bot. Buitenzorg III, **13**: 263-265, 1934.

SARCOXYLON

SARCOXYLON LERATI (Henn.) Lloyd Myc. Writ. **5**: 668, f. 960, Apr. 1917; Pyr. **29**, July 1919; **7**: 1204, July 1923.

Squamotubera lerati Henn. Hedwigia **42**: (308), 1903.

Specimens: 12287, J. B. Cleland, 273, Sydney, N. So. Wales; 12804, same data.

CYTTARIACEAE

CYTTARIA

CYTTARIA ESPINOSAE Lloyd Myc. Writ. **5**: 673, f. 995, 998, June 1917. Sacc. Syll. Fungorum **24**: 1154, 1928. *Espinosa* Rev. Chilena Hist. Nat. **30**: 247, pl. 26, text-f. 34, 35, 1926.

Specimens: 15166 (*Type*). *M. R. Espinosa*, 13, Santiago, Chile, on *Nothofagus obliqua*; 15173, *M. R. Espinosa*, Chile.

PEZIZALES

ALEURINA

ALEURINA ATRA Lloyd Myc. Writ. **7**: 1235, pl. 263 (f. 2612), Sept. 1923, (as *atrum*).

Specimen: 5784 (*Type*). *E. Quisumbing*, comm. *O. A. Reinking*, 9114, Mt. Maquilang, Luzon, Phil. Islands, March 1920.

CUDONIA

CUDONIA CONVOLUTA Lloyd Myc. Writ. **5**: Geo. 18. f. 803-805, May 1916, L. 63: 15, Nov. 1916; **7**: 1230, pl. 259 (f. 2568, 2569), Sept. 1923. Sacc. Syll. Fungorum **24**: 1157, 1928, as *C. convoluta* Yasuda.

Specimens: 32322 (*Type*). *A. Yasuda*, part of 209, Sendai, Japan, Oct. 1900; 32323, J. E. A. Lewis, Japan; (?) 15801. *A. Yasuda*, 380, Sendai, Japan, Oct. 1914, determined by Yasuda as *C. convoluta*, but "an obese form of *C. circinans*" according to Lloyd; he points out that *C. convoluta* may possibly be a form of *C. circinans*, Myc. Writ. **5**: Let. 63: 15, Nov. 1916. Both this species and the following are attributed by Saccardo to Yasuda, but Lloyd distinctly states "we based two species . . . on a collection of Prof. A. Yasuda," and there can be little question that they were both described as new by Lloyd.

NEW FUNGUS NAMES

CUDONIA ORIENTALIS Lloyd Myc. Writ. **5**: Geo. 18, May 1916. Sacc. Syll. Fungorum **24**: 1158, 1928, as *C. orientalis* Yasuda.

Specimen: 32321 (*Type*), A. Yasuda, part of 209, Sendai, Japan, Oct. 1900.

DISCINA

DISCINA APICULATA Lloyd in herb.

"At first imbedded in the soil, when mature with a ball of earth at the base, cup-shaped then flattened; color pale clay color; extensively furfuraceous; asci not blueing; paraphyses few, hyaline, thickened, appearing a little rough; spores elliptical, mucronate at both ends, strongly reticulate, $12 \times 22 \mu$ (including apiculate ends). Under the old classification this is a *Discina*. The features are the pale color and the peculiar, mucronate spores. They resemble in a general way those shown for *Peziza aurantia* by Boudier excepting they are strongly mucronate at both ends."

Specimen: 5867 (*Type*), W. A. Scarfe, New Zealand. The description given above is taken from Lloyd's note with the specimen, which was named in his report to the collector, Myc. Writ. **7**: 1127, Feb. 1922 (as *Discinia*). There is apparently no connection with *Discina apiculata* (Cke.) Seaver, Mycologia **13**: 70, 1921. From the scanty material it is difficult to determine whether or not it is an undescribed species; the marginal setae and reticulate spores indicate a relationship with *Melastiza* Boud.

GEOGLOSSUM

GEOGLOSSUM AFFINE (Durand) Lloyd Myc. Writ. **5**: Geo. 9, May 1916.

Gloeoglossum affine Durand Ann. Myc. **6**: 420, 1908.

Specimen: 31407, E. J. Durand, New York.

GEOGLOSSUM ARENARIUM (Rostr.) Lloyd Myc. Writ. **5**: Geo. 8, May 1916.

Microglossum arenarium Rostr. Med. om Gronland **3**: 606, 1891.

Corynetes arenarius (Rostr.) Durand Ann. Myc. **6**: 417, 1908.

Specimens: Not represented in the Lloyd Collection.

GEOGLOSSUM ELEGANS (Berk.) Lloyd Myc. Writ. **5**: Geo. 7, 21, May 1916.

Leotia elegans Berk. Lond. Jour. Bot. **5**: 5, 1846.

Specimen: 49556, E. G. Britton, New York, June 1901, in the N. Y. Bot. Gard. as *Mitrula lutescens* B. & C.

GEOGLOSSUM FUMOSUM (Pk.) Lloyd Myc. Writ. **5**: Geo. 7, May 1916.

Leptoglossum luteum var. *fumosum* Pk. Rept. N. Y. State Mus. **43**: 40, 1889.

Microglossum fumosum (Pk.) Durand Ann. Myc. **6**: 408, 1908.

Specimens: 49552, C. G. Lloyd, Temagami, Ontario, Aug. 1907; 41987, I. M. Walker, Lake St. John, Quebec, Canada; 49551, G. E. Morris, Waltham, Massachusetts, Aug. 1906; 5773, R. D. Randlett, Watertown, Massachusetts.

GEOGLOSSUM HIRSUTUM form DEPAUPERATUM Lloyd Myc. Writ. **5**: 700, f. 1047, July 1917; **6**: 1081, May 1921.

NEW FUNGUS NAMES

Specimens: 31410 (*Type*), J. Umemura, 200, Nagoya, Japan, Nov. 1916; 5799, N. L. T. Nelson, 10, Texas, March 1921.

GEOGLOSSUM LONGISPORUM (Durand) Lloyd Myc. Writ. **5**: Geo. 7, May 1916.
Geoglossum longisporum Durand Ann. Myc. **6**: 409, 1908.

Specimen: 37049, C. G. Lloyd, Glen Lake, Michigan, Aug. 1902.

GEOGLOSSUM PALUDOSUM (Pers.) Lloyd Myc. Writ. **5**: Geo. 11, f. 785, 792, May 1916; **7**: 1326, Oct. 1924.

Geoglossum glabrum f. *paludosum* Pers. Myc. Eur. **1**: 194, 1822.

Geoglossum fallax Durand Ann. Myc. **6**: 428, 1908.

Specimens: 36549, C. G. Lloyd, Bygget, Sweden, 1909; 5800, E. Haglund, Sweden, Sept. 1921.

GEOGLOSSUM ROBUSTUM (Durand) Lloyd Myc. Writ. **5**: Geo. 8, May 1916.

Corynetes robustus Durand Ann. Myc. **6**: 416, 1908.

Specimens: 41988, A. Hibbard, Newfane, Vermont, Sept. 1917; 41989, G. E. Morris, Waltham, Massachusetts.

Lloyd did not recognize the genera *Microglossum*, *Gloeoglossum*, *Trichoglossum*, or *Corynetes*, all of which he referred to *Geoglossum*. The following, therefore, are possible new combinations, but are not recognized as valid species, being listed by Lloyd, Myc. Writ. **5**: Geo. 21, May 1916, merely as synonyms: *G. alabamense* (Underw.), *G. contortum* (Pk.), *G. latum* (Pk.), and *G. obscurum* (Pk.).

GEOSCYPHA

GEOSCYPHA CRENULATA (B. & Br.) Lloyd Myc. Writ. **6**: 1059, pl. 182 (f. 1985), May 1921.

Peziza (Geopyxis) crenulata B. & Br. Jour. Linn. Soc. **14**: 104, 1873.

Specimens: 5758, 5761, 5764, 5716. O. A. Reinking, 9799, 9790, 9689, 9674 respectively, all from Mt. Maquiling, Phil. Islands, 1920, filed as *Humaria crenulata*.

HUMARIA

HUMARIA LLOYDIANA Bres. and Pat. in Lloyd Myc. Writ. **1**: 50, May 1901. Sacc. Syll. **16**: 711, 1902.

Specimen: 28035 (*ex-type?*), C. G. Lloyd, Samoa, Jan. 1900, filed as *Phillipsia domingensis*. With the specimen is a note by Seaver: "Closely related to, if not identical with *Phillipsia domingensis*."

JUGGLERANDIA

JUGGLERANDIA Lloyd (as McGinty) Myc. Writ. **7**: 1230, 1231, pl. 259 (f. 2570), Sept. 1923. *Type*, *J. mucida* (Schulzer) Lloyd.

JUGGLERANDIA GIGANTEA (Pk.) Lloyd (as McGinty).

See *Jugglerandia mucida* (Schulzer) Lloyd.

NEW FUNGUS NAMES

JUGGLERANDIA MUCIDA (Schulzer) Lloyd (as McGinty) l. c.

Ditiola mucida Schulzer Verh. Zool. Bot. Ges. Wien **10**: 322, 1860.

Stilbum giganteum Pk. Rept. N. Y. State Mus. **24**: 93, pl. 3, f. 7-9, 1872.

Crinula mucida (Schulz.) Sacc. Syll. Fungorum **8**: 607, 1889.

Holwaya ophiobolus (Ell.) Sacc. Syll. Fungorum **8**: 646, 1889.

Holwaya gigantea (Pk.) Durand Bull. Torr. Bot. Club **28**: 354, 1901.

Jugglerandia gigantea (Pk.) Lloyd Myc. Writ. **7**: 1231, Sept. 1923.

Specimens: 15296, J. Dearness, London, Ontario, Oct. 1897, filed as *Holwaya gigantea*; 15287, E. C. Smith, 421, Pennsylvania, as *H. ophiobolus*. Lloyd considered the fungus a scolecosporous species in the Patellariaceae, for which no genus exists. The name chosen is obviously in ridicule of authors who adhere strictly to what Lloyd facetiously called "those sacred principles of priority."

LACHNEA

LACHNEA CAPENSIS Lloyd in herb.

"Cup-shaped, attached to twigs with dense, soft, black, external tomentose pad; paraphyses very numerous, hyaline, filiform; spores large $16 \times 42 \mu$, elliptical, hyaline, smooth with granular contents."

Specimen: 28045 (*Type*), J. E. Kauffman, comm. A. M. Bottomley, Union Dept. Agr. Myc. Herb. 14483, Hoha Forest, Insikeni Forest Reserve, Griqualand East, Cape Province, U. So. Africa, Feb. 1921. Named in Lloyd's list of specimens, Myc. Writ. **7**: 1123, Feb. 1923, but his description remained unpublished. The specimen appears to be a *Bulgaria*, close to *Bulgaria* (*Sarcosoma*) *moelleriana* Henn., or possibly identical with that species.

SARCOSOMA

SARCOSOMA ZELANDICA Lloyd in herb.

The name was given in a list of species, Myc. Writ. **7**: 1123, Feb. 1922. The following unpublished notes are filed with the specimen: "Entire plant gelatinous, dark brown, almost black; disc flat or concave, an inch or more in diameter; stem black, about an inch long, sulcate; surface minutely pubescent with short, colored hairs under glass; flesh gelatinous, dark; hymenium covering the disk, slightly lighter color in section; paraphyses very numerous, hyaline, filiform, slightly thickened above; spores elliptical (or fusiform), hyaline, $6 \times 20 \mu$ (immature spores in ascus)."

Specimen: 32112 (*Type*), H. K. Dalrymple, 17, Dunedin, New Zealand.

SPHAEROSOMA

SPHAEROSOMA THWAITESII (B. & Br.) Lloyd Myc. Writ. **7**: 1279, pl. 291 (f. 2853), June 1924.

Hydnocystis thwaitesii B. & Br. Jour. Linn. Soc. **14**: 110, 1873.

Specimens: None in the Lloyd Collection.

THELEBOLUS

THELEBOLUS LIGNICOLA Lloyd Myc. Writ. **5**: 737, f. 1103-1105, Dec. 1917.

Specimen: 28444 (*Type*), S. H. Burnham, Hudson Falls, New York, filed as

NEW FUNGUS NAMES

Dendrodochium compressum. Referred by Diehl to *Pleurocolla*, as *Pleurocolla compressa* (Ell. & Ev.) Diehl Jour. Wash. Acad. Sci. **23**: 60, f. 1, 2, 1933.

TREMELLODISCUS

TREMELLODISCUS Lloyd Myc. Writ. **7**: 1363, pl. 344 (f. 3260), July 1925.

A genus erected for *Spragueola mucida* Rodway, since Lloyd did not recognize the genus *Spragueola*.

TREMELLODISCUS MUCIDUS (Rodway) Lloyd l. c.

Spragueola mucida Rodway Pap. & Proc. R. Soc. Tasmania **1919**: 114, pl. 26, 1920.

Specimen: 15488, L. Rodway, Tasmania, July 1921.

TRICHOSCYPHA

TRICHOSCYPHA MAGNISPORA Lloyd Myc. Writ. **6**: 1050, pl. 179 (f. 1950), May 1921.

Specimen: 28341 (*Type*), O. A. Reinking, 9702, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1920. This specimen appears to be identical with *Cookeina insititia* (B. & C.) O. Kuntze.

TUBERACEAE

ELAPHOMYCES

ELAPHOMYCES JAPONICA Lloyd Myc. Writ. **5**: 609, f. 861, Dec. 1916.

Specimen: 48147 (*Type*), J. Umemura, 169-b, Nagoya, Japan.

OTAGOA

OTAGOA Lloyd. Reported in Myc. Writ. **7**: 1123, Feb. 1922, without description. The *type*, *O. coccinea* Lloyd, was later referred to *Geopora*, so that the genus is untenable.

OTAGOA COCCINEA Lloyd in herb.

The following unpublished description is filed with the specimen: "Subglobose, 1-2 cm. in diameter, sinuate, lobed; peridium smooth, fleshy, scarlet (Ridgway), composed of irregular cells that contain the coloring matter; gleba white, only partially filling the cavities; basidia mostly disappearing, hyaline, with two slender sterigmata; spores globose, 20 μ in diameter, smooth, pale. The mass of spores has the same appearance as shown by Berkeley and Cooke for *Paurocotylis pila*, raising the question if it is not co-generic. However, the latter has been proved to be an Ascomycete and this may be; I noted what I think is surely a basidium, but will submit it to Professor Mattiolo before publishing it. Evidently it is not a hypogaeal."

Specimens: 57314 (*Type*), 27976, H. K. Dalrymple, Dunedin, New Zealand. With the specimen is a note in Lloyd's handwriting dated March 1924: "This is surely a species of *Geopora*."

NEW FUNGUS NAMES

AURICULARIACEAE

AURICULA

AURICULA Lloyd Myc. Writ. **6**: 935, Jan. 1920; **7**: 1152, pl. 215 (f. 2242), July 1922. Genus proposed for *Auricularia reflexa* which Lloyd considered distinct from *Auricularia* in its non-tremellaceous consistency.

AURICULA REFLEXA (Berk.) Lloyd l. c.

Merulius strigoso-zonatus Schw. Trans. Am. Phil. Soc. n. ser. **4**: 160, 1832.

Phlebia reflexa Berk. Hook. Jour. Bot. **3**: 168, 1851.

Auricularia reflexa (Berk.) Bres. Ann. Myc. **9**: 273, 1911.

Auricularia strigoso-zonata (Schw.) Lloyd (as McGinty) Myc. Writ. **4**: L. 46: 6, Apr. 1913.

Phlebia strigoso-zonata (Schw.) Lloyd Myc. Writ. **4**: L. 46: 6, Apr. 1913. Bisby, Buller and Dearnness Fungi of Manitoba, p. 83, 1929.

Phlebia strigoso-zonatum (Schw.) Yasuda Bot. Mag. Tokyo **27**: (387), Aug. 1913.

Auricularia strigoso-zonata (Schw.) Bres., Ann. Myc. **18**: 70, 1920.

Specimens: About 70 specimens from North and South America and Asia, filed as *Phlebia reflexa*, *P. strigoso-zonata*, and *Auricularia reflexa*.

AURICULA TOTARAE Lloyd Myc. Writ. **6**: 935, pl. 150 (f. 1708, 1709), Jan. 1920.

Specimen: 33286 (*Type*), G. H. Cunningham, 23, Weraroa, New Zealand, July 1919, on *Totara* sp.

AURICULARIA

AURICULARIA BRASILIENSIS Lloyd Myc. Writ. **5**: 785, Aug. 1918.

Hirneola auricularis Fr. Fung. Natal. 28, 1848.

Specimens: 38807, 33209, 33208, J. Rick, Brasil; O. A. Reinking, 33210. Phil. Islands, 14480, 33609-33611, Honduras; 33207, T. F. Chipp, 33608, G. A. Best, 33206, Sappan, and 57531, Kial, all from Brit. Malaya. Considered by Lloyd as a smooth, tropical form of *Auricularia auricula-judae* (L.) Schroet.

AURICULARIA CRASSA Lloyd Myc. Writ. **7**: 1275, pl. 289 (f. 2825, 2826), June 1924.

Specimen: 33294 (*Type*), D. M. Rajan, 1361, India. A dark, thick form of *A. delicata* (Fr.) P. Henn.

AURICULARIA DELICATA (Fr.) Lloyd sec. Wakefield Kew Bull. **1934**: 252. 1934.

The combination is attributed by Wakefield to Lloyd, but was previously made by P. Hennings in Engl. Bot. Jahrb. **17**: 19, 1893.

AURICULARIA DISCENSA Lloyd Myc. Writ. **6**: 902, pl. 139 (f. 1593), Oct. 1919.

Specimens: None in the Lloyd Collection. Based on a collection by J. Rick, Brasil, which could not be found.

AURICULARIA FLAVA Lloyd Myc. Writ. **7**: 1153, pl. 215 (f. 2248), July 1922. van der Bijl Ann. Univ. Stellenbosch 1-A, no. **3**: 9, 1923.

Specimen: 33287 (*Type*), P. van der Bijl, 426, U. So. Africa.

NEW FUNGUS NAMES

AURICULARIA HUNTERI Lloyd Myc. Writ. **5**: 808, f. 1258, Oct. 1918.

Specimen: 33295 (*Type*), T. Hunter, 90, Ashanti, W. Africa.

AURICULARIA INTESTINALIS (Berk.) Lloyd Myc. Writ. **5**: 785, Aug. 1918.

Favolus intestinalis Berk. Jour. Bot. Kew Misc. **3**: 167, 1851.

No specimens. Lloyd also suggests that this species might more properly be placed in *Poroauricularia*.

AURICULARIA MOELLERII Lloyd Myc. Writ. **5**: 784, f. 1176, Aug. 1918.

Specimens: 33621 (*Type*) and 33620, J. Gossweiler, Africa; 33623, A. H. Ritchie, Jamaica; 33624, J. Rick and 33290, C. Torrend, Brasil; 33622, R. E. Holttum. Brit. Malaya; O. A. Reinking, 33625, 33626, Phil. Islands and 33618, 33619, Honduras; also 25995, J. Rick, Brasil, as *Hirneola auriculae-judae* form *moelleri*. Considered by Lloyd a form of *Auricularia auricula-judae*.

AURICULARIA PELTATA Lloyd Myc. Writ. **7**: 1117, pl. 198 (f. 2112), Feb. 1922.

Specimen: 33289 (*Type*), C. Serrano, comm. O. A. Reinking, 10152, Mt. Maquilang, Phil. Islands, Oct. 1920, on *Cordia myxa*.

AURICULARIA SCUTELLAIFORMIS Lloyd Myc. Writ. **7**: 1275, pl. 289 (f. 2821), June 1924.

No specimens. *Type*, Peters, Alabama, as *Hirneola scutellaeformis* B. & C. Not Ravenel, F. Amer. 133, which Lloyd named *Exidia bullata*.

AURICULARIA STELLATA Lloyd Myc. Writ. **7**: 1151, pl. 214 (f. 2234-2235), July 1922.

Specimen: 33296 (*Type*), C. Domingo, 1107, comm. H. A. Lee, Sandakan, Brit. No. Borneo, Apr. 1921.

AURICULARIA STRIGOSO-ZONATA (Schw.) Lloyd (as McGinty).

See *Auricula reflexa* (Berk.) Lloyd.

HIRNEOLA

HIRNEOLA SQUAMOSA (Pat. & Har.) Lloyd Myc. Writ. **4**: L. 44: 5, Jan. 1913;

5: 785, Aug. 1918; L. 65: 7, March 1917 (as *Auricularia*); **7**: 1166, July 1922, 1229, pl. 258 (f. 2562), Sept. 1923.

Auricularia squamosa Pat. & Har. Bull. Soc. Myc. Fr. **9**: 210, 1893.

Specimens: 33594, 33599, P. van der Bijl, 33595, 33596, comm. E. M. Wakefield, 33597, J. W. Gossweiler, 33598, H. P. de la Bathie, all from Africa. In his earlier notes Lloyd recognized the genus *Hirneola* as distinguished from *Auricularia* by the superior hymenium; later, however, he decided that this division was untenable (see Myc. Writ. **5**: 784, Aug. 1918) and his later references cite the species as *Auricularia*.

PILACRE

PILACRE DECORTICATA (Pers.) Lloyd (as McGinty) Myc. Writ. **7**: 1360, pl. 341 (f. 3231, 3232), July 1925.

Onygena decorticata Pers. Obs. Myc. **2**: 72, pl. 6, f. 9, 1799.

NEW FUNGUS NAMES

Pilacre faginea B. & Br. Ann. Mag. Nat. Hist. II, **5**: 365, pl. 11, f. 5, 1850.

Pilacre petersii B. & C. Ann. & Mag. Nat. Hist. III, **3**: 362, 1889.

Specimens: Sixteen collections filed as *Pilacre faginea*, which is the name under which Lloyd habitually referred to the fungus. The new combination merely pointed out the priority of Persoon's name, and was not used by Lloyd.

TREMELLACEAE

ATKINSONIA

ATKINSONIA Lloyd (as McGinty) Myc. Writ. **5**: 576, f. 810-813, June 1916.

Lloyd points out that non-resupinate species of *Sebacina*, such as *S. amesii*, would according to some views form the basis of a separate genus, for which he suggests the name *Atkinsonia*. His specimens, however, were filed as *Sebacina*. In a later discussion of *S. amesii* he states: "As to generic name it might be changed on a strict limitation of *Sebacina* to resupinate species, on the same principle that *Tremellodendron* was proposed, but I should consider it an artificial classification."

ATKINSONIA AMESII Lloyd (as McGinty).

See *Sebacina amesii* Lloyd.

ATKINSONIA SPONGIOSA Lloyd.

See *Sebacina spongiosa* Lloyd.

CORTICIOIDES

CORTICIOIDES Lloyd (as McGinty) Myc. Writ. **3**: O. S. 10 (footnote), f. 224, June 1908. Another "McGinty" name which Lloyd never used except in this one instance. *Type*, *C. reticulatum* (Berk.) Lloyd.

CORTICIOIDES RETICULATUM (Berk.) Lloyd (as McGinty) l. c.

See *Tremella clavarioides* Lloyd.

EICHLERIELLA

EICHLERIELLA DECLUBENS (B. & Br.) Lloyd (as McGinty) Myc. Writ. **4**: L. 45: 7, Apr. 1913; **5**: Rad. 11, May 1917.

Radulum declubens B. & Br. Ann. Mag. Nat. Hist. IV, **15**: 32, 1875.

Specimens: 31351, 31352, *H. Bourdot*, France, 1905-1906, filed as *Eichleriella kmetii* Bres.; 43886, *E. M. Wakefield*, Yorkshire, England, June 1914, as *E. spinulosa*. Referred to *Eichleriella spinulosa* (B. & C.) Burt in Ann. Mo. Bot. Gard. **2**: 747, 1915.

EXIDIA

EXIDIA ALBO-GLOBOSA Lloyd Myc. Writ. **7**: 1356, pl. 336 (f. 3195), July 1925.

Specimen: 24035 (*Type*), *L. J. Grelet*, Savigné, France, Aug. 1924, sent as *E. thuretiana* Lév.

EXIDIA ARBOREA Lloyd Myc. Writ. **6**: 1046, pl. 178 (f. 1933, 1934), May 1921.

Specimens: 33513 (*Type*), *C. G. Lloyd*, near Paris, France, 1905; 33528, *E.*

NEW FUNGUS NAMES

M. Holmes, London, England. "A form of *Exidia glandulosa* which was the original of Bulliard and Tulasne."

EXIDIA BEARDSLEEI Lloyd Myc. Writ. **6**: 984, May 1920; 991, pl. 160 (f. 1773), Sept. 1920, 1050, pl. 180 (f. 1951), May 1921. Coker Jour. Elisha Mitch. Sci. Soc. **35**: 133, June 1920.

Exidia uva passa Lloyd Myc. Writ. **6**: 898, pl. 137 (f. 1577), Oct. 1919, not *E. uva passa* Lloyd Myc. Writ. **5**: 774, f. 1166, June 1918.

Specimens: 33524 (*Type*). *H. C. Beardslee*, 19185, Asheville, North Carolina; 33525, *W. C. Coker*, North Carolina; 33522, *G. W. Martin*, New Jersey; 49452, *W. C. Muenscher*, 9708, 33423, 41320, *D. S. Welch*, New York.

EXIDIA BULLATA Lloyd Myc. Writ. **7**: 1275, pl. 289 (f. 2822), June 1924.

Specimens: The *type*, Ravenel, Fungi Amer. Exs. 133, issued as *Hirneola scutellaeformis* B. & C., is not found in the Lloyd Collection. A Ravenel specimen with different data, 33536, Ravenel 770, North Carolina, is filed as *H. scutellaeformis*.

EXIDIA CAESPITOSA Lloyd Myc. Writ. **4**: 537, f. 737, Dec. 1915, L. 60: 10, Dec. 1915. Sacc. Syll. Fungorum **23**: 577, 1925. van der Bijl Ann. Univ. Stellenbosch 1-A, no. **3**: 6, 1923; So. Afr. Jour. Sci. **22**: 193, 1925.

Specimen: 33507 (*Type*), *A. V. Duthie*, 49, Stellenbosch, U. So. Africa.

EXIDIA CANDIDA Lloyd Myc. Writ. **5**: 620, f. 880, 881, Dec. 1916; **6**: 1045, pl. 177 (f. 1923), May 1921; **7**: 1197, pl. 243 (f. 2440), July 1923; 1325, Oct. 1924. Sacc. Syll. Fungorum **23**: 577, 1925. Burt Ann. Mo. Bot. Gard. **8**: 367, 1921.

Specimens: 33518 (*Type*). *J. M. Grant*, 1130, Sequim, Washington; 43907, 43923, *J. R. Weir*, Washington: 25704, 43933, 43935, 43918, Idaho, *J. R. Weir*; 9711, *C. H. Kauffman*, New York; 33519, *L. O. Overholts*, Pennsylvania; 33494, *J. T. Paul*, Caulfield, Australia.

EXIDIA DUTHIEI Lloyd Myc. Writ. **6**: 902, pl. 139 (f. 1594), Oct. 1919. van der Bijl Ann. Univ. Stellenbosch 1-A, no. **3**: 6, 1923.

Specimen: 9710 (*Type*), *A. V. Duthie*, U. So. Africa.

EXIDIA EGLANDULOSA Lloyd in herb.

"It has the same size, color, and basidia as *Exidia glandulosa*, but no glands. I do not find spores. Boudier has an *Exidia* on *Ilex*, but not the same as this, I judge; this also has no glands but is smaller, paler, more convolute and grows erumpent through the bark."

Specimen: 33504 (*Type*). *J. Rick*, Brasil. The species was named in a list of specimens received, Myc. Writ. **6**: 1088, May 1921. The unpublished notes quoted include the comment: "I label this as the above, but I will not publish it."

EXIDIA JANUS (B. & C.) Lloyd Myc. Writ. **5**: 873, f. 1491, 1492, Aug. 1919.

Tremella janus B. & C. Jour. Linn. Soc. **10**: 340, 1869.

Specimen: 9706, *C. Torrend*, 319, Bahia, Brasil.

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EXIDIA JAPONICA Lloyd Myc. Writ. **5**: 599, f. 845-847, Sept. 1916. Sacc. Syll. Fungorum **23**: 576, 1925. Shirai and Hara List of Japanese Fungi Ed. **3**: 134, 1927, as *E. japonica* Yasuda.

Specimen: 9709 (*Type*), A. Yasuda, 356, Sendai, Japan.

EXIDIA NOVO-ZEALANDICA Lloyd Myc. Writ. **7**: 1356, pl. 336 (f. 3193), July 1925.

Specimen: 9712 (*Type*), J. Mitchell, 10, New Zealand.

EXIDIA PLUMBEA Lloyd Myc. Writ. **7**: 1150, pl. 213 (f. 2229), July 1922.

Specimen: 9707 (*Type*), L. Rodway, 1178, Hobart, Tasmania.

EXIDIA RICHENII (Rick) Lloyd Myc. Writ. **7**: 1229, pl. 258 (f. 2561), Sept. 1923.

Protomerulius richenii Rick, F. Austro-Amer. no. 219; Broteria Ser. Bot. **21**: 138, 1924.

Specimens: None in the Lloyd Collection.

EXIDIA UVA PASSA Lloyd Myc. Writ. **5**: 774, f. 1166, June 1918. Shirai and Hara List of Japanese Fungi, Ed. 3: 134, 1927. Yasuda Bot. Mag. Tokyo **35**: (410), Feb. 1921.

Specimens: 33506 (*Type*), J. E. A. Lewis, Kobe, Japan; also the following from Japan: 9705, 33503, A. Yasuda; 9704, T. Matsumoto.

EXIDIA UVA PASSA Lloyd Myc. Writ. **6**: 898, pl. 137 (f. 1577), Oct. 1919; **6**: 984, May 1920.

See *Exidia beardsleei* Lloyd.

EXIDIA ZELLERI Lloyd Myc. Writ. **6**: 931, pl. 148 (f. 1691), Jan. 1920.

Specimens: 33520 (*Type*), S. M. Zeller, 1775, Corvallis, Oregon, Oct. 1919, on *Sambucus glauca*; 33521, C. R. Stillinger, Berkeley, California, on *Quercus agrifolia*.

EXIDIOPSIS

EXIDIOPSIS ALBA Lloyd.

See *Seismosarca alba* Lloyd.

GLOEOSOMA

GLOEOSOMA CAPENSIS Lloyd (as McGinty).

See *Aleurodiscus capensis* Lloyd.

NAEMATELIA

NAEMATELIA FRAGIFORMIS (Pers.) Lloyd (as McGinty) Myc. Writ. **7**: 1150, July 1922.

Tremella fragiformis Pers. Syn. Fung. **2**: 622, 1801.

Specimens: None in the Lloyd Collection under this name.

NAEMATELIA FUSCOBASIS Lloyd in herb.

"Although but a single specimen we do not hesitate to publish it as it is so different from our European and American species. The composition in species of *Naematelia* is heterogeneous, the core not gelatinous, but of a different texture entirely from the gelatinous portion that surrounds it. We discussed this

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in full on page 1147. When soaked for a few minutes and cut, the core in this species was dark, almost black, while other species have the core white or pale yellow at most. The core on prolonged soaking was much paler; the gelatinous portion on the surface was yellow, with little tubercles, while other species have a smooth surface. Basidia globose, pale, 12-14 μ ; spores oblong, 6x8 μ , hyaline, smooth."

Specimen: 3979 (*Type*). J. B. Cleland, 870, So. Australia. Named in Lloyd's report on the collection, *Myc. Writ.* **7**: 1295, June 1924, but not published. The notes are filed with the specimen.

NAEMATHELIA JAPONICA Lloyd *Myc. Writ.* **4**: L. 54: 5, f. on p. 7, Jan. 1915; **7**: 1149, July 1922. *Sacc. Syll. Fungorum* **23**: 580, 1925.

Specimen: 3980 (*Type*), A. Yasuda, 281, Mt. Akagi, Japan, Nov. 1914. Lloyd's later observation is: "Better referred as a large form of *Naematelia encephala* with a yellowish core." The species is referred to *Tremella* by Yasuda, as *Tremella japonica* (Lloyd) Yasuda, *Bot. Mag. Tokyo* **29**: (385), Nov. 1915; Shirai & Hara, *List of Japanese Fungi*, Ed. 3: 389, 1926.

SEBACINA

SEBACINA AMESII Lloyd *Myc. Writ.* **5**: 576, f. 810-813, June 1916; 755, f. 1130, Feb. 1918. *Sacc. Syll. Fungorum* **23**: 573, 1925.

Atkinsonia amesii Lloyd (as McGinty) *Myc. Writ.* **5**: 576, June 1916.

Specimens: 33730 (*Type*), F. H. Ames, 458, New York; 41459, L. A. Zimm, Ithaca, New York; 31862, C. G. Lloyd, College Hill, Ohio, July 1897.

SEBACINA BRESADOLAE Lloyd *Myc. Writ.* **7**: 1362, pl. 342 (f. 3243), July 1925.

Specimens: None filed under this name by Lloyd. *Type*, Bresadola Collection in the Saccardo herbarium, as an unnamed form of *S. incrustans*.

SEBACINA CRISTATA (Pers.) Lloyd *Myc. Writ.* **7**: 1361, pl. 342 (f. 3241), July 1925.

Merisma cristata Pers. *Comm. Fung. Clav.* 228, 1797.

Specimen: 33872, W. T. Lakin, Maryland.

SEBACINA DENDROIDEA (B. & C.) Lloyd *Myc. Writ.* **4**: 538, f. 742, Dec. 1915; L. 48: 11, Nov. 1913; **5**: 583, f. 824, June 1916; **6**: 917, Jan. 1920. Yasuda *Bot. Mag. Tokyo* **33**: (16), 1919. Shirai & Hara *List of Japanese Fungi*, Ed. 3: 357, 1926.

Hymenochaete dendroidea B. & C. *Jour. Linn. Soc.* **14**: 69, 1873.

Thelephora dendroidea (B. & C.) Cke. *Grev.* **8**: 150, 1880.

Specimens: 34092, J. W. Huntington, Massachusetts; 34089, H. Streeter, Pennsylvania; 34090, 34091, W. H. Ballou, New York; 34093, A. P. Morgan, 34088, B. Leeper, Ohio; 34087, A. Boulou, West Virginia; 34094, H. P. de la Bathie, Madagascar; 33343, A. Yasuda, Japan. Later referred by Lloyd to *Institala bombacina* Fr., *Myc. Writ.* **6**: 917, June 1920.

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SEBACINA SPONGIOSA Lloyd Myc. Writ. **5**: 779, f. 1174, June 1918.

Specimens: 41458 (*Type*), L. J. K. Brace, Nassau, Bahamas, Aug. 1917; 33736, 41460, same source. This was also referred by Lloyd, l. c., to his proposed genus *Atkinsonia*.

SEISMOSARCA

SEISMOSARCA ALBA Lloyd Myc. Writ. **5**: 629, Jan. 1917; **6**: 1045, pl. 177 (f. 1928, 1929), May 1921.

Tremella albida of North America, not Europe.

Exidiopsis alba Lloyd Myc. Writ. **4**: L. 44: 8-9, Jan. 1913. Sacc. Syll. Fungorum **23**: 577, 1925.

Specimens: Thirty-four collections from New York, Alabama, Florida, West Virginia, Kentucky, Minnesota, Iowa, Illinois, Ohio, and Brasil under the following names: *Heterochaete alba* (some specimens also labeled *Arcanocarpus* McG. [ined.]), *Seismosarca alba*, and *Seismosarca albida*. Referred to *Exidia* by Burt as *Exidia alba* (Lloyd) Burt, Ann. Mo. Bot. Gard. **8**: 366. 1921. Bisby, Buller, and Dearness Fungi of Manitoba, p. 88. 1929. Martin & Huber Iowa Stud. Nat. Hist. **12**: 95, pl. 1, f. 4, 1927.

SIROBASIDIUM

SIROBASIDIUM BRUNNEUM Lloyd Myc. Writ. **7**: 1199, pl. 245 (f. 2459), July 1923 (as *S. brunnea*). Rick, Broteria Ser. Bot. **21**: 137, 1924.

Specimens: Not represented in the Lloyd Collection.

TREMELLA

TREMELLA ATRO-GLOBOSA Lloyd Myc. Writ. **7**: 1148, pl. 212 (f. 2220), July 1922 (as *ater-globosa*). Rick Broteria Ser. Bot. **21**: 138, 1924.

Specimens: 4007 (*Type*) and 38800, J. Rick, Brasil.

TREMELLA AUSTRALIENSIS Lloyd Myc. Writ. **4**: L. 45: 7, Apr. 1913. Sacc. Syll. Fungorum **23**: 579, 1925.

Specimen: 4010 (*Type*), G. H. Adcock, Victoria, Australia.

TREMELLA BRASILIENSIS (Moell.) Lloyd Myc. Writ. **7**: 1152, pl. 214 (f. 2239), July 1922. Rick Broteria Ser. Bot. **21**: 138, 1924.

Tremella lutescens form *brasiliensis* Moell. Protobasid. p. 100, 169, pl. 4, f. 15, 1895.

Specimens: 4014, 38792, 38799, J. Rick, Brasil.

TREMELLA CANDIDA Lloyd Myc. Writ. **5**: 851, f. 1425, June 1919.

Specimen: 3992 (*Type*), A. Yasuda. 553, Japan, Oct. 1, 1918. Apparently not *Tremella candida* Pers. Syn. Fung. **2**: 624, 1801.

TREMELLA CARNEOCOLOR Lloyd Myc. Writ. **7**: 1363, pl. 343 (f. 3254), July 1925.

Specimen: 4005 (*Type*), J. Libunao, comm. O. A. Reinking, 9451, Mt. Maquilang, Phil. Islands, Sept. 1920.

TREMELLA CINNABARINA (Mont.) Lloyd (as McGinty) Myc. Writ. **7**: 1150, July 1922.

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Naematelia cinnabarina Mont. Ann. Sci. Nat. Bot. III, 20: 120, 1848.

Specimen: 3824 (part of *Type*), filed as *Naematelia*. Not *Tremella cinnabarina* Bull. Hist. Champ. Fr. Pl. 455, f. 2, 1789.

TREMELLA CLAVARIOIDES Lloyd Myc. Writ. 3: O. S. 10, f. 224, June 1908; 6: 894, Oct. 1919.

Corticium tremellinum var. *reticulatum* Berk. Grev. 1: 180, 1873.

Corticoides reticulatum Lloyd (as McGinty) Myc. Writ. 3: O. S. 10 (footnote), June 1908.

Specimens: 4016, *G. R. Bisby*, Winnipeg, Canada; 27055, 27068, *M. S. Whetstone*, Minnesota; 27065, 27066, *G. D. Smith*, Ohio; 27067, *H. C. Beardslee*, North Carolina. This is a synonym of *Tremella reticulata* (Berk.) Farl. according to Burt, Ann. Mo. Bot. Gard. 8: 374, 1921, and Bisby, Buller and Dearness, Fungi of Manitoba, p. 88, 1929.

TREMELLA CRASSA Lloyd Myc. Writ. 7: 1148, pl. 211 (f. 2215), July 1922. van der Bijl Ann. Univ. Stellenbosch 1-A, no. 3: 7, 1923; So. Afr. Jour. Sci. 22: 193, 1925.

Specimen: 4020 (*Type*), *P. van der Bijl*, 118, U. So. Africa.

TREMELLA CRISPA Lloyd Myc. Writ. 7: 1152, pl. 214 (f. 2237, 2238), July 1922.

Specimen: 4004 (*Type*), *L. Rodway*, 1162, Hobart, Tasmania. The specific name has been given to *Tremella* by several early mycologists: *T. crispa* Schreb. Spic. Fl. Lips. 140, 1771; *T. crispa* Sibth. Fl. Oxon. 391, 1794; *T. crispa* With. Brit. Pl. Ed. 3, 4: 81, 1796, but apparently Lloyd had none of these in mind.

TREMELLA FLAVIDULA Lloyd Myc. Writ. 7: 1276, pl. 289 (f. 2827), June 1924.

Specimen: 29500 (*Type*), *N. C. Fassett*, 548, West Brookfield, Massachusetts, Dec. 1919, on *Viburnum cassinoides*.

TREMELLA FUSCA Lloyd Myc. Writ. 5: 683, f. 1021, June 1917. Sacc. Syll. Fungorum 23: 579, 1925.

Specimen: 4009 (*Type*), *C. Torrend*, 647, Bahia, Brasil.

TREMELLA GLAIRA Lloyd Myc. Writ. 5: 874, Aug. 1919.

Specimen: 27070 (*Type*), *C. G. Lloyd*, near Femsjo, Sweden, 1909.

TREMELLA CYROSO-ALBA Lloyd in herb.

Named in the report to the collector, Myc. Writ. 7: 1127, Feb. 1922. This unpublished description accompanies the specimen: "Thin, applanate, but globose-cerebrine, white or faintly cream-colored; basidia obovate, 16-20 μ , hyaline, with granular context, borne on stray hyphae, and each having a short branch of the hypha (or a young basidium?) at the base; spores hyaline, subglobose, with granular contents and a large gutta. This is so well represented in Coker's plate 42, that I have a belief it is his *Tremella carneo-alba* in part, but it is not the little cushion-shaped, pale yellow plant he sent me, and which I take under that name. Guttulate spores are not often noticed in tremellaceous plants."

Specimen: 3991 (*Type*), *D. S. Welch*, 329, near Ithaca, New York, Oct. 1921.

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TREMELLA HEMIFOLIACEA Lloyd Myc. Writ. **7**: 1338, pl. 324 (f. 3104, 3105), March 1925.

Specimen: 29497 (*Type*), *E. M. Doidge*, 17798, Knysna, Cape Province, U. So. Africa, May 1923.

TREMELLA HISPANICA Lloyd Myc. Writ. **5**: 872, f. 1487, 1488, Aug. 1919.

Specimen: 41878 (*Type*), *C. de Aranzadi*, Barcelona, Spain, filed as *Clavariopsis* sp. to which it had previously been referred, Myc. Writ. **4**: L. 42: 2, Oct. 1912.

TREMELLA INCISA Lloyd Myc. Writ. **7**: 1274, pl. 288 (f. 2819), June 1924.

Specimens: None in the Lloyd Collection. Based on a specimen from *C. E. Cummings*.

TREMELLA ISABELLINA Lloyd Myc. Writ. **7**: 1357, pl. 336 (f. 3201), July 1925.

Specimen: 4017 (*Type*), *J. E. A. Lewis*, Kobe, Japan.

TREMELLA MELLEA Lloyd Myc. Writ. **5**: 818, f. 1364, March 1919.

Specimen: 4008 (*Type*), *M. R. Espinosa*, 44, Chile.

TREMELLA MICROSPORA Lloyd Myc. Writ. **6**: 991, pl. 159 (f. 1769), Sept. 1920.
van der Bijl Trans. S. Afr. Jour. Sci. **10**: 285, 1916; Ann. Univ. Stellenbosch 1-A, no. **3**: 7, 1923.

Specimen: 27046 (*Type*), *A. V. Duthie*, 242, Stellenbosch, U. So. Africa, Aug. 1919.

TREMELLA PHILIPPIENSIS Lloyd Myc. Writ. **7**: 1117, pl. 198 (f. 2114), Feb. 1922, 1339, pl. 325 (f. 3110), March 1925.

Specimens: 3983 (*Type*), *S. Mariano*, comm. *O. A. Reinking*, 10827, Mt. Maquilung, Phil. Islands, Nov. 1920, on *Mangifera indica*; 29493, *J. B. Cleland*, 835, Australia; 36437, *L. Rodway*, 1506, Tasmania.

TREMELLA ROSEO-TINCTA Lloyd Myc. Writ. **7**: 1229, pl. 258 (f. 2555), Sept. 1923.

Specimen: 3995 (*Type*), *J. E. A. Lewis*, Japan.

TREMELLA SAMOENSIS Lloyd Myc. Writ. **5**: 875, f. 1495, 1496, Aug. 1919; **7**: 1117, pl. 198 (f. 2113), Feb. 1922; 1150, July 1922.

Specimens: 4000 (*Type*), *C. G. Lloyd*, Samoa, 1905; eight collections from *O. A. Reinking*, Phil. Islands. In his latest reference to this species Lloyd suggests that it is probably identical with *Tremella cinnabarina* (Mont.) Lloyd.

TREMELLA SPARASSOIDEA Lloyd Myc. Writ. **6**: 894, pl. 135, (f. 1562), Oct. 1919; 920, pl. 145 (f. 1646), Jan. 1920. Overholts Myc. **12**: 141, 1920.

Specimens: 9860 (*Type*), *M. S. Whetstone*, Minneapolis, Minn.; 29496, *W. R. Lowater*, Toledo, Ohio; 9858, 9859, *L. O. Overholts*, State College, Pa. The specific name on the legend of the figure and on herbarium labels is given as *sparassoides*. This is a synonym of *Tremella reticulata* (Berk.) Farl., according to Burt, Ann. Mo. Bot. Gard. **8**: 364, 1921.

NEW FUNGUS NAMES

TREMELLA VINACEA Lloyd in herb.

Named in Myc. Writ. 7: 1321, Oct. 1924, in list of specimens. Lloyd's unpublished notes are filed with the specimen: "This when received (dried) was black. It did not suggest anything I know, but when soaked, its resemblance (except color) to *Tremella frondosa* is close. The violaceous (wine) color is its character and there is no such species given in Moeller. It belongs to the foliaceous section. There is another violaceous species in Tasmania, *Tremella crispa* (Myc. Writ. 7: 1152, fig. 2237) differing in shape."

Specimen: 3994 (*Type*), C. Torrend, 925, Brasil.

TREMELLODENDRON

TREMELLODENDRON CUNEATUM Lloyd Myc. Writ. 4: 546, f. 748, Feb. 1916.

Stereum cuneatum Lloyd Myc. Writ. 4: L.54: 7, Jan. 1915. Sacc. Syll. Fungorum 23: 507, 1925.

Specimens: 33874 (*Type*) and 32694, N. L. T. Nelson, Gainesville, Florida. Said by Burt, Ann. Mo. Bot. Gard. 7: 233, 1920, to be "perhaps... *S. burtianum* or *S. tenerrimum*."

TREMELLODENDRON DUBIUM Lloyd Myc. Writ. 7: 1174, pl. 227 (f. 2328), Jan. 1923, as *T. dubia*.

Specimen: 32691 (*Type*), S. J. Bonansea, 1, Mexico.

TREMELLODENDRON HIBBARDII Lloyd Myc. Writ. 6: 1049, pl. 179 (f. 1947), May 1921; 7: 1154, pl. 217 (f. 2260), July 1922.

Specimens: 32699 (*Type*), A. Hibbard, West Roxbury, Massachusetts, Aug. 1921; also 32698, 32708-32710, Massachusetts, and 32700, 34344, Vermont, same collector. Referred by Burt to *Tremellodendron tenax* (Schw.) Burt. Ann. Mo. Bot. Gard. 7: 67, 1922.

DACRYOMYCETACEAE

CALOCERA

CALOCERA CANDIDA Lloyd in herb.

This species was named in a list of specimens received, Myc. Writ. 7: 1162, July 1922. Lloyd's unpublished notes read: "We so labeled it, but material is scanty and we are not sure as to hymenium, whether amphigenous (*Calocera*) or on one side only (*Guepinia*). It soaks up flattened, club-shaped, pure white. Spores 6-12 μ , hyaline, curved, with two septa; basidia forked. We would publish it on an ample collection. We know no white *Calocera*."

Specimens: 33155 (*Type*), L. Rodway, 1185, Hobart, Tasmania; also L. Rodway, 1196, same data, with the following note: "Probably same as 1185, but when soaked up not white, but with a faint yellow tinge, and some are clavate (round), not flattened, club-shaped."

CALOCERA CUNEATA Lloyd Myc. Writ. 7: 1152, pl. 214 (f. 2240), July 1922.

Specimens: 33196 (*Type*), L. Rodway, 1167, Tasmania; 33197, 33198, 33199, L. Rodway, 1182, 1192 and 1187, Tasmania.

NEW FUNGUS NAMES

CALOCERA FLAVIDA Lloyd Myc. Writ. **7**: 1278, pl. 291 (f. 2850), June 1924.

Specimen: 33177 (*Type*), K. Miyabe, 722, Hokkaido, Japan, Sept. 1917, on *Abies sachalinensis*.

CALOCERA FUSCA Lloyd Myc. Writ. **7**: 1357, pl. 336 (f. 3199); 1359, pl. 338, (f. 3215), July 1925.

Specimens: 33191 (*Type*), J. Mitchell, New Zealand; 33190, J. B. Cleland, So. Australia. The same name was inadvertently given to the two collections independently, but Lloyd concludes that they are probably the same species.

CALOCERA FUSCOBASIS Lloyd Myc. Writ. **7**: 1151, pl. 213 (f. 2230), July 1922.

Specimen: 33183 (*Type*), F. B. Serrano, comm. O. A. Reinking, 6124, Mt. Maquililing, Phil. Islands.

CALOCERA RUFA Lloyd Myc. Writ. **7**: 1150, pl. 213 (f. 2228), July 1922; 1196, pl. 242 (f. 2436), July 1923.

Specimens: 33153 (*Type*), L. Rodway, 1198, Tasmania; 33172, J. T. Paul, Australia.

CALOCERA VARIIFORMIS Lloyd Myc. Writ. **7**: 1359, pl. 339 (f. 3218), July 1925.

Specimens: 33181 (*Type*), J. B. Cleland, 841, So. Australia; also 33182, 33192, 33193, and 33194 from the same source.

CALOCERA VERMICULARIS Lloyd Myc. Writ. **7**: 1209, July 1923.

Specimen: 33176 (*Type*), W. C. Muenscher, New York.

CALOPPOSIS

CALOPPOSIS Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3116), 1340, pl. 326 (f. 3120, 3121), Mar. 1925.

Characterized by Lloyd as "a *Dacromyces-Calocera*." Type, *C. nodulosa* Lloyd.

CALOPPOSIS DAMAE-CORNIS Lloyd Myc. Writ. **7**: 1340, pl. 326 (f. 3120, 3121), Mar. 1925.

Specimen: 33551 (*Type*), J. B. Cleland, 842, So. Australia.

CALOPPOSIS NODULOSA Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3116), March 1925.

Specimen: 34251 (*Type*), N. C. Fassett, Massachusetts.

DACRYOMITRA

DACRYOMITRA DEPALLENS Lloyd.

See *Dacryopsis depallens* Lloyd.

DACRYOMITRA DUBIA Lloyd Myc. Writ. **5**: 742, f. 1114, Dec. 1917; 825, f. 1381, March 1919. Coker Jour. Elisha Mitch. Sci. Soc. **35**: 174, 1920.

Specimens: 548, C. L. Wilson, New York; 7781, A. Boulou, West Virginia; 33581, P. van der Bijl, U. So. Africa; and the following filed as *Calocera dubia*: 33562, West Virginia, 33559, Michigan, 33560, 33561, Kentucky, all coll. C. G. Lloyd; 430, 33563, 41323, L. O. Overholts, Pennsylvania. Considered by Lloyd a form of *D. glossoides*. No type was established.

NEW FUNGUS NAMES

DACRYOMITRA GUEPINOIDES (Berk.) Lloyd Myc. Writ. **6**: 1052, pl. 180 (f. 1955), May 1921; **7**: 1340, pl. 326 (f. 3119), March 1925.

Calocera guepinoides Berk. Lond. Jour. Bot. **4**: 61, 1845.

Specimens: 33167, *E. J. Semmens*, 33168, 33169, *J. B. Cleland*, all from Australia; 33170, *L. Rodway*, Tasmania; 33171, "from Berlin, not authentic;" all filed under *Calocera guepinoides*. Lloyd later regarded this as a better *Calocera* than *Dacromitra*, without the resemblance to *D. lutea* which had induced him to place it in that genus.

DACRYOMITRA LUTEA (Mass.) Lloyd Myc. Writ. **6**: 1048, pl. 179 (f. 1943, 1944), 1052, May 1921; **7**: 1132, Feb. 1922.

Gyrocephalus luteus Mass. Kew Bull. **1899**: 180, 1899.

Specimen: 33569, *L. Rodway*, 1052, Tasmania.

DACRYOMITRA MINUTA Lloyd Myc. Writ. **7**: 1340, pl. 326 (f. 3122), Mar. 1925.

Specimens: *Type*, *J. B. Cleland*, Australia, not found among Lloyd's collections.

DACRYOMYCES

DACRYOMYCES AUSTRALIS Lloyd Myc. Writ. **6**: 924, pl. 146 (f. 1659), Jan. 1920 (as *australia*; legend of the illustration and specimens labeled *australis*). van der Bijl Ann. Univ. Stellenbosch 1-A, no. **3**: 3, 1923.

Specimen: 34208 (*Type*), *P. van der Bijl*, 816, U. So. Africa.

DACRYOMYCES CONCAVUS Lloyd in herb.

The name was used in Lloyd's report to the collector. Myc. Writ. **7**: 1162, July 1922. His unpublished description filed with the specimen is as follows: "This is close to *Dacryomyces chrysocomus*, the only species which dries concave. Even when soaked this retains a depression and does not become convex, as does the European species. But the European species is deep orange and has large ($6 \times 16\mu$, rarely $8 \times 32\mu$) deep-colored spores. This Tasmanian species is not so deep-colored and the spores, $6 \times 12\mu$, hyaline, are too different to consider the same species."

Specimen: 34223 (*Type*), *L. Rodway*, 1161, Hobart, Tasmania.

DACRYOMYCES CUPULARIS Lloyd Myc. Writ. **7**: 1225, pl. 255 (f. 2524), Sept. 1923.

Specimens: 34246 (*Type*), *L. Rodway*, 1273, Tasmania; 36440, same source.

DACRYOMYCES DIGRESSUS Lloyd Myc. Writ. **5**: 620, f. 882, Dec. 1916, L. 66: 15, Oct. 1917; **6**: 935, pl. 150 (f. 1706), Jan. 1920. Sacc. Syll. Fungorum **23**: 582, 1925. van der Bijl S. Afr. Jour. Sci. **22**: 193, 1925.

Specimens: 34211 (*Type*) *A. V. Duthie*, 108, Knysna, U. So. Africa; 33310, 34209, 34210, *P. van der Bijl*, U. So. Africa; 34212, *E. J. Semmens*, Australia; 36438, 36439, *L. Rodway*, Tasmania.

DACRYOMYCES DUBIUS Lloyd Myc. Writ. **7**: 1149, pl. 212 (f. 2222), July 1922.

Specimen: 34241 (*Type*), *L. Rodway*, 1172, Hobart, Tasmania. "It is doubtful if this is a *Dacryomyces* or *Guepinia*."

NEW FUNGUS NAMES

DACRYOMYCES FLAVUS Lloyd in herb (as **FLAVA**).

Listed under this name, Myc. Writ. **7**: 1345, March 1925. The following unpublished notes are with the specimen: "Sessile with a small attachment, globose, cushion-shaped, about 3-4 mm. in diameter, slightly lobed; spores 6x12 μ , hyaline, 3-septate. It grew on rough bark. It is close to our *Dacryomyces ellisii*, but not so effused and smaller spored; also close to *Dacryomyces digressus* of South Africa, but plant and spores much smaller. The color is clear yellow, about the same as in *Tremella lutescens*, not the deep yellow of *Dacryomyces aurantius*."

Specimen: 34232 (*Type*), J. Mitchell, 6, New Zealand.

DACRYOMYCES PALLIDUS Lloyd Myc. Writ. **5**: 825, f. 1379, March 1919.

Specimen: 32670 (*Type*), C. Torrend, 794, Bahia, Brasil. Apparently not the same as *D. pallidus* Coker, Jour. Elisha Mitch. Sci. Soc. **35**: 171, 1920.

DACRYOMYCES PUROALBUS Lloyd Myc. Writ. **7**: 1360, pl. 340 (f. 3228), July 1925 (as *puroalba*).

Specimen: 33316 (*Type*), J. Mitchell, Christchurch, New Zealand.

DACRYOMYCES ROSEOTINCTUS Lloyd Myc. Writ. **7**: 1229, pl. 258 (f. 2558, 2559), Sept. 1923; 1274, pl. 287 (f. 2812), June 1924 (as *D. roseotincta*).

Specimens: 34233 (*Type*), J. E. A. Lewis, Japan; 34231, T. Maekawa, 725, comm. K. Miyabe, Palan Island, Polynesia, Aug. 1920.

DACRYOPSIS

DACRYOPSIS BRASILIENSIS Lloyd Myc. Writ. **5**: 874, f. 1493, Aug. 1919.

Specimens: 33552, 33553, C. Torrend, 377, 414, Brasil, type not indicated.

DACRYOPSIS DEPALLENS Lloyd Myc. Writ. **5**: 874, Aug. 1919.

Dacryomitra depallens Lloyd Myc. Writ. **5**: 803, f. 1248-1250, Oct. 1918; 840, f. 1403, 1404, Apr. 1919. Rick Broteria Ser. Bot. **21**: 137, 1924, as *Dacromyces*.

Specimens: 33583 (*Type*), J. Rick, 129, Brasil; 33582, same source, both filed as *Dacryomitra*.

DACRYOPSIS PALMATA (Schw.) Lloyd Myc. Writ. **6**: 989, pl. 159 (f. 1762), Sept. 1920.

Tremella palmata Schw. Trans. Am. Phil. Soc. n. ser. **4**: 186, 1832.

Specimen: 33555, J. B. Ellis, N. Am. Fungi 1697, distributed as *Tremella aurantia*. Referred by Burt in Ann. Mo. Bot. Gard. **8**: 379, 1921, to *Dacryomyces palmatus* (Schw.) Burt.

DUCTIFERA

DUCTIFERA Lloyd Myc. Writ. **5**: 710, f. 1063-1065, Oct. 1917. Sacc. Syll. Fungorum **23**: 581, 1925 (as *Dactifera*). Type, *D. milleii* Lloyd.

DUCTIFERA MILLEII Lloyd l. c. Sacc. Syll. Fungorum **23**: 581, 1925 (as *Dactifera*).

Specimen: 33578 (*Type*), L. Mille, Ecuador.

NEW FUNGUS NAMES

GUEPINIA

GUEPINIA AGARICIFORMIS Lloyd in van der Bijl, Ann. Univ. Stellenbosch 1-A, no. 3: 4, 1923.

Specimen: 9752 (*Type*), P. van der Bijl, 770, Stellenbosch, U. So. Africa. Listed by Lloyd without description, Myc. Writ. 7: 1186, July 1923, and no unpublished notes are found, but a description is given by van der Bijl in the reference cited.

GUEPINIA BREFELDII Lloyd Myc. Writ. 7: 1229, pl. 258 (f. 2556, 2557), Sept. 1923.

Specimens: *Type* in the Saccardo herbarium as *Calocera palmata* Monticella. Not in the Lloyd Collection.

GUEPINIA CRENATA Lloyd Myc. Writ. 7: 1152, pl. 214 (f. 2241), July 1922.

Specimens: 9742 (*Type*), L. Mille, Ecuador, 1921; 9743, L. Rodway, 1163, Tasmania.

GUEPINIA LUTEO-ALBA (Fr.) Lloyd Myc. Writ. 6: 990, Sept. 1920.

Femsjonia luteoalba Fr. Summa Veg. Scand. 341, 1849.

Guepinia femsjoniana Olsen in Bref. Unters. Myk. 7: 161, 1888.

Specimen: 38102, L. W. Riddle, Portage, Maine, filed as *Femsjonia luteoalba*.

GUEPINIA OCCIDENTALIS Lloyd.

See Heterotextus occidentalis Lloyd.

GUEPINIA PYGMAEA Lloyd Myc. Writ. 7: 1364, pl. 344 (f. 3261, 3262), July 1925.

Specimen: 9736 (*Type*), C. G. Lloyd, Cuba, March 1915.

GUEPINIA SPATHULARIA form LATA Lloyd Myc. Writ. 5: L. 63: 11, Nov. 1916.

Specimen: 35412 (*Type*), A. V. Duthie, 136, Knysna, U. So. Africa. Lloyd comments: "Not really a good form, for other plants of same collection take the usual size and shape."

GUEPINIA VARIA (Ces.) Lloyd Myc. Writ. 7: 1229, pl. 258 (f. 2560), Sept. 1923 (as *G. varians*).

Dacryomyces varius Ces. Atti Accad. Sci. Napoli 8, no. 3: 11, 1879.

Specimen: 34235, (part of *Type*), filed as *Dacryomyces*.

HETEROTEXTUS

HETEROTEXTUS Lloyd Myc. Writ. 7: 1151, pl. 213 (f. 2231), July 1922. Martin Mycologia 24: 215-220, pl. 5, 1932. *Type*, *H. flavus* Lloyd.

HETEROTEXTUS FLAVUS Lloyd l. c.: 7: 1340, pl. 326 (f. 3124), March 1925. Martin Mycologia 24: 215, 1932.

Specimens: 9722 (*Type*), 36445, 36444, L. Rodway, Tasmania; 9723, 48481, J. B. Cleland, So. Australia.

HETEROTEXTUS MONTICOLUS (Tr. & Earle) Lloyd Myc. Writ. 7: 1151, July 1922 (as *monticola*). Martin Mycologia 24: 215-217, 1932.

NEW FUNGUS NAMES

Guepinia monticola Tr. & Earle in Greene Pl. Baker. **1**: 23, 1901. Lloyd Myc. Writ. **6**: 968, May 1920.

Specimens: 9735 (*Co-type*), Colorado, on *Picea*; 38096, L. O. Overholts, June 1914, filed as *Guepinia*.

HETEROTEXTUS OCCIDENTALIS Lloyd Myc. Writ. **7**: 1151, July 1922. Martin Mycologia **24**: 215, 1932.

Guepinia occidentalis Lloyd Myc. Writ. **5**: 600, f. 849, Sept. 1916. Sacc. Syll. Fungorum **23**: 581, 1925.

Specimens: 38097 (*Type*), J. M. Grant, 973, Sequim, Washington; 38098, J. M. Grant, 228, Montesano, Washington, filed as *Guepinia*.

HETEROTEXTUS PEZIZAEFORMIS (Berk.) Lloyd Myc. Writ. **7**: 1151, July 1922; 1359, pl. 338 (f. 3214), July 1925. Martin Mycologia **24**: 219, 1932.

Guepinia pezizaeformis Berk. Lond. Jour. Bot. **4**: 60, 1845. Lloyd Myc. Writ. **5**: 658, f. 940-942, Apr. 1917; **6**: 1090, May 1921.

Specimens: 9731, 9729, 9727, 9724, J. B. Cleland, Australia; 9730, 9728, E. J. Semmens, Australia; 9726, 9732, L. Rodway, Tasmania.

PHYLLOTREMELLA

PHYLLOTREMELLA Lloyd Myc. Writ. **6**: 1007, pl. 169 (f. 1850-1852), Sept. 1920. "A true tremellaceous plant with gills." Type, *P. africana* Lloyd.

PHYLLOTREMELLA AFRICANA Lloyd l. c. (as *P. africanus*).

Specimen: 32842 (*Type*), J. Gossweiler, 211, Angola, Africa.

THELEPHORACEAE

ALEUROCYSTUS

ALEUROCYSTUS Lloyd (as McGinty) Myc. Writ. **6**: 1088, May 1921.

Differs from *Aleurodiscus* in subgelatinous texture and in the presence of cystidia. Lloyd at the same time suggests including the type, *A. capensis*, in *Gloeosoma*. Type, *A. capensis* Lloyd.

ALEUROCYSTUS CAPENSIS Lloyd l. c.

See *Aleurodiscus capensis* Lloyd.

ALEURODISCUS

ALEURODISCUS AURANTIUS (Pers.) Lloyd. The combination is attributed to Lloyd by Rick, Brot. Cienc. Nat. **3**: 165, 1934, but was first made by Schroeter, in Kryptogamenfl. Schles. **3**: pt. 1: 429, 1888.

ALEURODISCUS BURTH Lloyd (as McGinty) Myc. Writ. **7**: 1288, June 1924 (as *bertii*).

Aleurodiscus cremeus Burt Ann. Mo. Bot. Gard. **5**: 199, 1918, not *A. cremeus* Pat. Bull. Soc. Myc. Fr. **31**: 73, 1915.

Aleurodiscus burthi Trott. Sacc. Syll. Fungorum **23**: 525, 1925.

Specimen: 33456 (part of *Type*), W. H. Long, 21528, New Mexico, Sept. 1916, on *Quercus gambelii*.

NEW FUNGUS NAMES

ALEURODISCUS CANDIDUS (Schw.) Lloyd. In Brot. Cienc. Nat. **3**: 165, 1934, Rick credits Lloyd with this combination, which was, however, previously made by Burt, Ann. Mo. Bot. Gard. **5**: 188, 1918.

ALEURODISCUS CAPENSIS Lloyd Myc. Writ. **6**: 930, pl. 148 (f. 1687), Jan. 1920; 1088, May 1921.

Gloeosoma capensis Lloyd (as McGinty) Myc. Writ. **6**: 1088, May 1921.

Specimens: 34029 (*Type*), *P. van der Bijl*, 833, U. So. Africa; 34028, *J. Rick*, 11, Brasil. Lloyd also suggests making this species the type of a new genus, *Aleurocystus*.

ALEURODISCUS CORNEUS Lloyd Myc. Writ. **6**: 930, pl. 148 (f. 1688), Jan. 1920.

Cytidia cornea Lloyd Myc. Writ. **5**: 656, f. 935-937, Apr. 1917.

Specimen: 34063 (*Type*), *A. V. Duthie*, 154, Stellenbosch, U. So. Africa, filed as *Cytidia*.

ALEURODISCUS CRASSUS Lloyd Myc. Writ. **6**: 928, pl. 147 (f. 1678), Jan. 1920.

Specimen: 34027 (*Type*), *H. C. Gilbert*, 11, Corvallis, Oregon.

ALEURODISCUS GRANTII Lloyd Myc. Writ. **6**: 927, pl. 147 (f. 1668, 1669), Jan. 1920.

Specimens: 34000 (*Type*), *J. M. Grant*; 970, and 34001, *J. M. Grant*, 529, Washington; 34002, *J. Macoun*, British Columbia; 33999, *S. Burnham* (?), Stamford, New York; 34003, *A. S. Rhoads*, 16784, Idaho, July 1920, on *Abies lasiocarpa*.

ALEURODISCUS OCHRACEO-FLAVUS Lloyd Myc. Writ. **7**: 1228, pl. 257 (f. 2548), Sept. 1923.

Specimen: 32646 (*Type*), *G. H. Cunningham*, 630, York Bay, Wellington, New Zealand, Sept. 1922, on *Leptospermum scoparium*.

ALEURODISCUS ORIENTALIS Lloyd Myc. Writ. **6**: 927, pl. 147 (f. 1673), Jan. 1920.

Ito Bot. Mag. Tokyo **43**: 462, 1929. *Yasuda Bot. Mag. Tokyo* **34**: (213), Aug. 1920, as *A. orientalis* Yasuda.

Specimen: 34038 (*Type*), *A. Yasuda* 519, Prov. Yetchu, Japan, Jan. 1918, on *Quercus myrsinaefolia*.

ALEURODISCUS SCOPULATUS Lloyd Myc. Writ. **6**: 1067, pl. 185 (f. 2012, 2013), May 1921.

Specimen: 34008 (*Type*), *N. A. Nunez*, 49, Ecuador.

ASTEROSTROMA

ASTEROSTROMA EPIGAEUM Lloyd Myc. Writ. **5**: 709, f. 1060, Oct. 1917. Sacc. Syll. Fungorum **23**: 533, 1925.

Specimen: 33011 (*Type*), *A. Yasuda*, 430, Prov. Awaji, Japan, Nov. 1916. Referred by Ito to *Asterostromella epigaea* (Lloyd) *Ito Bot. Mag. Tokyo* **44**: 90, 1930.

NEW FUNGUS NAMES

CLADODERRIS

CLADODERRIS FLORIDANA Lloyd Myc. Writ. **4**: L. 47: 15, Nov. 1913 (as *floridanus*); **4**: 535, f. 734, Dec. 1915 (as *floridana*). Sacc. Syll. Fungorum **23**: 506, 1925. Burt Ann. Mo. Bot. Gard. **11**: 4, 1924.
Specimen: 38380 (*Type*), C. G. Lloyd, 292, Bayard, Florida, Sept. 1913.

CLADODERRIS RICKII Lloyd Myc. Writ. **7**: 1196, pl. 242 (f. 2435), July 1923.
Rick Egatea **16**: 40, 1931.
Specimen: 29345 (*Type*), J. Rick, 359, Brasil.

CONIOPHORA

CONIOPHORA MATSUZAWAE Yasuda in Lloyd Myc. Writ. **5**: L. 68: 12, Dec. 1918.
Yasuda Bot. Mag. Tokyo **33**: (54), 155, 1919.
Specimens: 43507, S. Matsuzawa, comm. A. Yasuda, 502, and 43508, A. Yasuda, both Prov. Awaji, Japan. Referred by Rick, Brot. Cienc. Nat. **3**: 167, 1934, to his new genus *Coniophorafomes*.

CORTICIUM

CORTICIUM RIVULOSUM Lloyd in herb.

Named in list of specimens, Myc. Writ. **7**: 1125, Feb. 1922. Lloyd's unpublished notes are as follows: "Resupinate, 2-3 mm. thick, dark orange (burnt sienna of Ridgway); hymenium darker than context, almost black, broken into irregular ridges, probably in drying; no cystidia; basidia not found; spores subglobose, about 8μ , hyaline, smooth. We give this a name simply to file it, but we doubt even if it is a basidiomycete. Such things must be studied fresh, and no one has done it as to foreign resupinates, and precious little is known as to dried specimens. The rivulose hymenium appears to be due to cracking."

Specimen: 38705 (*Type*), M. Ramos, comm. H. A. Lee, Bur. Sci. 13463, Prov. Rizal, Luzon, Phil. Islands, Feb. 1911.

CYPHELLA

CYPHELLA GRANDIS Pat. in Lloyd Myc. Writ. **2**: 258, f. 97, Apr. 1906. Sacc. Syll. Fungorum **21**: 422, 1912.

Specimen: 35033 (*Type*), C. G. Lloyd, 05152, Samoa, 1905.

CYPHELLA INVOLUTA Lloyd Myc. Writ. **7**: 1274, pl. 287 (f. 2813), June 1924.

Specimens: None found in the Lloyd Collection. Based on a collection from Miyabe, Japan. Lloyd notes: "Not a good *Cyphella*, but we do not know any genus for it."

CYPHELLA QUERCINA Lloyd Myc. Writ. **7**: 1357, pl. 336 (f. 3196, upper fig., 3198), July 1925.

Specimen: 35025 (*Type*), A. Yasuda, 707, Sendai, Japan, Oct. 1923, on *Quercus glandulifera*.

CYTIDIA

CYTIDIA CORNEA Lloyd Myc. Writ. **5**: 656, f. 935-937, Apr. 1917.

See *Aleurodiscus corneus* Lloyd.

NEW FUNGUS NAMES

CYTIDIA SIMULANS Lloyd Myc. Writ. **6**: 991, pl. 159 (f. 1772), Sept. 1920.

Specimen: 33589 (*Type*), A. V. Duthie, 243, U. So. Africa.

CYTIDIA TREMELLOSA Lloyd Myc. Writ. **4**: 516, f. 512, 513, Nov. 1912. Burt Ann. Mo. Bot. Gard. **11**: 12, pl. 1, f. 9, 1924.

Specimens: Not represented in the Lloyd Collection. Based on material collected by Lloyd in Louisiana and sent to Bourdot, who determined the genus and whose notes and figures Lloyd has reproduced. Burt (l. c.) records Lloyd's No. 2402 from the N. Y. Bot. Gard. Herb. and the Burt Herb.

HYMENOGHAETE

HYMENOGHAETE RIMOSA Lloyd in herb.

Name given in Lloyd's report to the collector, Myc. Writ. **7**: 1345, Mar. 1925. Ito Bot. Mag. Tokyo **44**: 92, 1930. Lloyd's notes filed with the specimen read: "Resupinate, thin, deep brownish drab (of Ridgway); surface strongly cracked; setae rather blunt. If we were dividing the resupinate *Hymenochaetes* we believe we would sort them into sections 'usual color (Brussels brown-antique brown)' and 'unusual color.' This belongs to the latter and matches deep brownish drab of Ridgway. The surface is strongly cracked as in *Hymenochaete spreata*, but it is a thinner plant and different in color, very close to *Hymenochaete fuliginosa*. It is not *Hymenochaete unicolor*."

Specimen: 32622 (*Type*), A. Yasuda, Sendai, Japan, Nov. 1923, on *Quercus glandulifera*.

HYMENOGHAETE SPHAERIACOLA Lloyd Myc. Writ. **7**: 1338, pl. 324 (f. 3101), March 1925.

Specimen: 32642 (*Type*), J. Mitchell, New Zealand, on *Sphaeria (Hypoxydon?)*.

HYMENOGHAETE VELUTINA (Pat.) Lloyd Myc. Writ. **6**: 966, May 1920.

Duportella velutina Pat. Phil. Jour. Sci. **10**: 87, 1915.

Specimen: 32636 (*Cotype*), C. F. Baker, 25, comm. E. D. Merrill, Phil. Islands.

HYPOLYSSUS

HYPOLYSSUS CLAVARIOIDES (Torrend) Lloyd Myc. Writ. **4**: L. 54: 4, Jan. 1915.

Thelephora clavarioides Torrend Broteria Ser. Bot. **12**: 61, 1914.

Specimen: 31353, C. Torrend, Bahia, Brasil.

LIBELLUS

LIBELLUS Lloyd Myc. Writ. **4**: L. 45: 6, Apr. 1913. Distinguished from *Craterellus* by the thin pileus. Type, *L. papyraceus* (B. & C.) Lloyd.

LIBELLUS PAPHYRACEUS (B. & C.) Lloyd l. c.

Craterellus papyraceus B. & C. Trans. Linn. Soc. **22**: 129, 1857.

Specimen: 39240, "authentic specimen."

NEW FUNGUS NAMES

LLOYDELLA

LLOYDELLA Bres. in Lloyd Myc. Writ. 1: 51, May 1901. Burt in Ann. Mo. Bot. Gard. 7: 81, 1920, considers the genus a synonym of *Stereum* Pers. Most of Lloyd's specimens are filed under the *Stereum* synonyms.

LLOYDELLA AURISCALPIUM Lloyd.

See *Stereum auriscalpium* Lloyd.

LLOYDELLA BICOLOR (Pers.) Bres. in Lloyd Myc. Writ. 1: 51, May 1901.

Thelephora bicolor Pers. Syn. Fung. 568, 1801.

Specimens: None in the Lloyd Collection.

LLOYDELLA CHAILLETHI (Pers.) Bres. l. c.

Thelephora chailletii Pers. Myc. Eur. 1: 125, 1822.

Specimens: 46858, E. A. Burt, and 8400, G. F. Atkinson, Vermont; 38730, C. G. Lloyd, New York; 8100, J. R. Weir, Idaho, 38691, Germany; 38697, A. Galzin, France; 8037, G. Bresadola; 6305, Blytt, all filed under *Stereum*.

LLOYDELLA CINERASCENS (Schw.) Bres. l. c.

Thelephora cinerascens Schw. Trans. Am. Phil. Soc. n. ser. 4: 167, 1832.

Specimens: Thirty-eight collections from Vermont, Massachusetts, New York, Kentucky, Ohio, Nebraska, Sweden, Cuba, U. So. Africa, Australia, and Samoa, filed as *Stereum*.

LLOYDELLA FERREA (B. & C.) Bres. l. c.

Stereum ferreum B. & C. Jour. Linn. Soc. Bot. 10: 332, 1868.

Specimens: 38695 (part of *Type*), Cuba; 38708, C. Wright, Cuba.

LLOYDELLA MEMBRANACEA (Fr.) Bres. l. c.

Stereum membranaceum Fr. Epier. Myc. 547, 1838.

Specimens: Twenty-four collections from Florida, West Indies, Central America, Brasil, Mexico, India, Japan, Phil. Islands, Australia and New Zealand, all filed as *Stereum*.

LLOYDELLA PAPYRINA (Mont.) Bres. l. c.

Stereum papyrinum Mont. in de la Sagra, Hist. Cuba Pl. Cell. 374, 1842.

Specimens: 8034, J. B. Ellis, 606, Florida; 38684, C. Wright, Cuba; 8039, H. W. Ravenel; 7708, J. A. Stevenson, Puerto Rico, Apr. 1915.

LLOYDELLA SPADICEA (Pers.) Bres. l. c.

Thelephora spadicea Pers. Syn. Fung. 568, 1801.

Specimens: Over 100 specimens from United States, Canada, Belgium, France, Brasil, China, and Japan.

LLOYDELLA SPADICEA (Pers.) Bres. var. VENOSA (Quel.) Bres. l. c.

Stereum venosum Quel. Bull. Ass. Fr. Avancem. Sci. 1883: 505, 1883.

Specimen: 7745, L. Maire, 44, Haute Marne, France.

LLOYDELLA STRIATA (Schrاد.) Bres. l. c.

Stereum striatum Schrad. in Fr. Epier. 551, 1838, also including *S. abietinum* Pers. Myc. Eur. 1: 122, 1822, and *S. glaucescens* Fr. Hym. Eur. 644, 1874.

NEW FUNGUS NAMES

Specimens: Eleven specimens from Vermont, Canada, Sweden, Finland, and Austria, filed under the three *Stereum* species. Referred by Burt to *S. abietinum* Pers., Ann. Mo. Bot. Gard. **7**: 186, 1920.

LLOYDELLA SULCATA (Burt) Lloyd Myc. Writ. **5**: 619, f. 878, 879, Dec. 1916. *Stereum sulcatum* Burt in Peck N. Y. State Rept. **54**: 154, 1901.

Specimens: 38706, L. O. Overholts and H. H. York, New Hampshire; 6304, J. R. Weir, Idaho; 38696, A. Yasuda, Japan; 8114, E. A. Burt, no data.

MASSEERINA

MASSEERINA Lloyd Myc. Writ. **6**: 1002, pl. 166 (f. 1825), Sept. 1920.

Type, *M. cartilaginea* (Mass.) Lloyd.

MASSEERINA CARTILAGINEA (Mass.) Lloyd l. c. (as *M. cartilagineus*).

Cladoderis cartilaginea Mass. Kew Bull. **1899**: 172, 1899; Lloyd Myc. Writ. **4**: Cla. 10, July 1913.

Specimens: 43889 and 43875, H. N. Ridley, 38 and 47, Singapore, Brit. Malaya, 1897.

MATULA

MATULA ROMPELII (Rick) Lloyd Myc. Writ. **2**: 391, Feb. 1908.

Michenera rompelii Rick Ann. Myc. **2**: 243, 1904.

Specimens: 22541, 22542, J. Rick, Brasil.

PSEUDOTHELEPHORA

PSEUDOTHELEPHORA Lloyd (as McGinty) Myc. Writ. **6**: 890, pl. 132 (f. 1546), Oct. 1919. Characterized as *Thelephora* with gelatinous context. *Type*, *P. gelatinosa* Lloyd.

PSEUDOTHELEPHORA GELATINOSA Lloyd l. c.

See *Thelephora gelatinoidea* Lloyd.

RUDETUM

RUDETUM Lloyd (as McGinty) Myc. Writ. **6**: 888, Oct. 1919. The genus was proposed by Lloyd to include pileate species of *Septobasidium*. His specimens are filed as *Septobasidium*. *Type*, *R. rameale* (Berk.) Lloyd.

RUDETUM ALATUM Lloyd (as McGinty).

See *Septobasidium alatum* Lloyd.

RUDETUM FISSO-LOBATUM (Henn.) Lloyd (as McGinty).

See *Septobasidium fisso-lobatum* (Henn.) Lloyd.

RUDETUM RAMEALE (Berk.) Lloyd (as McGinty).

See *Septobasidium rameale* (Berk.) Lloyd.

SEPTOBASIDIUM

SEPTOBASIDIUM ALATUM Lloyd Myc. Writ. **6**: 888, pl. 131 (f. 1538), Oct. 1919. *Septobasidium rameale* Bres. Hedwigia **56**: 304, 1915, not *Lachnocladium rameale* Berk. Jour. Linn. Soc. **14**: 67, 1873, which Lloyd called *Rudetum rameale*.

NEW FUNGUS NAMES

Rudetum alatum Lloyd (as McGinty) Myc. Writ. **6**: 888, Oct. 1919.

Specimens: 39221 (as *S. alatum*) and 29475 (as *S. rameale*) both from same specimen (*Type*), R. C. McGregor, 20385, comm. E. D. Merrill, Phil. Islands, determined by Bresadola as *S. rameale*. According to Sydow, Ann. Myc. **20**: 66, 1922, this is identical with *Septobasidium granulosum* Syd. Engl. Bot. Jahrb. **54**: 253, 1916. See also Petch, Trans. Brit. Myc. Soc. **12**: 276-282, pl. 18-19, 1927.

SEPTOBASIDIUM BURTIANUM Lloyd (as McGinty) Myc. Writ. **7**: 1336, March 1925. Apparently an error, as Lloyd seems to mean the species previously named *S. burtii*.

SEPTOBASIDIUM BURTHII Lloyd (as McGinty) Myc. Writ. **7**: 1286, pl. 296 (f. 2902), June 1924; 1336, March 1925 (as *S. burtianum*). Couch Jour. Elisha Mitchell Soc. **51**: 22, 1935.

Septobasidium retiforme Burt Ann. Mo. Bot. Gard. **3**: 338, 1916, not *S. retiforme* Pat. Bull. Myc. Soc. Fr. **16**: 55, 1900.

Specimens: 29463, F. S. Earle, Alabama; 29467, 33342, C. G. Lloyd, Alabama; 29461, G. C. Fisher, Florida; 29462, F. L. Stevens, North Carolina; all filed as *S. retiforme*.

SEPTOBASIDIUM CAPNODES (B. & Br.) Lloyd Myc. Writ. **5**: 721, Nov. 1917.

Thelephora capnodes B. & Br. Jour. Linn. Soc. **14**: 63, 1873.

Specimens: Nothing under this name in the Lloyd Collection.

SEPTOBASIDIUM CLADODERRIS Lloyd Myc. Writ. **7**: 1245, pl. 271 (f. 2658), Jan. 1924.

Specimen: 46409 (*Type*), C. van Overeem, 184, Buitenzorg, Java, March 1921.

SEPTOBASIDIUM CRINITUM (Fr.) Lloyd Myc. Writ. **5**: 721, Nov. 1917.

Thelephora crinita Fr. Linnaea **5**: 530, 1830.

Specimens: 39227, J. Rick, Sao Leopoldo, Brasil; 43870, H. Dalrymple, 9, Dunedin, New Zealand.

SEPTOBASIDIUM FISSO-LOBATUM (Henn.) Lloyd Myc. Writ. **5**: 721, Nov. 1917; **6**: 888, pl. 131 (f. 1540), Oct. 1919.

Hymenochaete fisso-lobata Henn. Hedwigia **43**: 172, 1904.

Rudetum fisso-lobatum (Henn.) Lloyd (as McGinty) Myc. Writ. **6**: 888, Oct. 1919.

Specimen: 39232, "authentic."

SEPTOBASIDIUM LICHENICOLUM (B. & Br.) Lloyd Myc. Writ. **5**: 722, Nov. 1917 (as *lichenicola*).

Thelephora lichenicola B. & Br. Jour. Linn. Soc. **14**: 64, 1873.

Specimens: None in the Lloyd Collection.

SEPTOBASIDIUM PTERULOIDES (Mont.) Lloyd Myc. Writ. **5**: 722, Nov. 1917; **7**: 1195, pl. 242 (f. 2429, 2430), July 1923.

Hydnum pteruloides Mont. in Bélanger, Voy. Indes Orient. 1834, pl. 14, f. 2.
Septobasidium pteruloides (Mont.) Pat. Bull. Soc. Myc. Fr. **41**: 338, 1925.

Specimens: 29473, J. Wilson, 29474, J. B. Cleland, 801, Australia.

SEPTOBASIDIUM RADIOSUM (Henn.) Lloyd Myc. Writ. **5**: 722, Nov. 1917.
Hymenochaete radiosa Henn. Engl. Bot. Jahrb. **25**: 497, 1898.

Specimens: None in the Lloyd Collection.

SEPTOBASIDIUM RAMEALE (B. & Br.) Lloyd Myc. Writ. **6**: 888, pl. 131 (f. 1539),
 Oct. 1919 (as *ramealis*).

Lachnocladium rameale B. & Br. Jour. Linn. Soc. **14**: 67, 1873.

Rudetum rameale (B. & Br.) Lloyd Myc. Writ. **6**: 888, Oct. 1919 (as *ramealis*).
Septobasidium rameale (B. & Br.) Petch in Patouillard Bull. Myc. Soc. Fr.
41: 338, 1925.

Specimens: None in the Lloyd Collection. Bresadola made the combination *Septobasidium rameale* (B. & Br.) Bres. in Hedwigia **56**: 304, 1915. According to Lloyd the specimens so determined by Bresadola are not the same species as Berkeley and Broome's *Lachnocladium rameale*; he therefore renamed Bresadola's *Septobasidium rameale* as *Septobasidium alatum* Lloyd in Myc. Writ. **6**: 888, pl. 131 (f. 1538), Oct. 1919. Moreover he also recognizes *Lachnocladium rameale* B. & Br. as a *Septobasidium*, which he discusses and illustrates under the names *Septobasidium ramealis* and *Rudetum ramealis*. In addition to Bresadola's and Lloyd's use of this combination, Patouillard cites the fungus in Bull. Soc. Myc. Fr. **41**: 338, 1925, as *Septobasidium rameale* (B. & Br.) Petch, pointing out that Petch had referred the species to *Septobasidium* in Ann. Bot. **25**: 843, 1911, without, however, making the combination in that place. Referred by Patouillard, Bull. Soc. Myc. Fr. **41**: 337-338, 1925, and Petch, Trans. Brit. Myc. Soc. **12**: 279, 1927, to *S. pteruloides* (Mont.) Pat.

SEPTOBASIDIUM SEPTOBASIDIODES (Henn.) Lloyd Myc. Writ. **5**: 722, Nov. 1917.
Hymenochaete septobasidioides Henn. Hedwigia **43**: 172, 1904.

Specimens: None in the Lloyd Collection.

SEPTOBASIDIUM USSANGUENSE (Henn.) Lloyd Myc. Writ. **5**: 722, Nov. 1917 (as
ussanguensis).

Hymenochaete ussanguensis Henn. Engl. Bot. Jahrb. **30**: 255, 1901.

Specimens: None in the Lloyd Collection.

STEREUM

STEREUM ADNATUM Lloyd Myc. Writ. **7**: 1336, pl. 323 (f. 3093), March 1925.

Specimens: 8112 and 26706 (*Type*) both from same specimen, E. M. Doidge, comm. A. M. Bottomley, Union Dept. Agr. 1708, Transvaal, U. So. Africa, April 1911.

STEREUM ALBIDUM Lloyd Myc. Writ. **4**: 555, f. 763, Feb. 1916. Sacc. Syll.
 Fungorum **23**: 507, 1925. Yasuda Bot. Mag. Tokyo **30**: (207), 1916;

NEW FUNGUS NAMES

- 31:** 44, 1917. Shirai & Hara List of Japanese Fungi, Ed. **3:** 377, 1926.
Specimen: 24326 (*Type*), A. Yasuda, 343, Prov. Kotsuke, Japan, Aug. 1915.
- STEREUM ALBOSTIPATUM Lloyd Myc. Writ. **4:** St. 36, Dec. 1913. Sacc. Syll. Fungorum **23:** 508, 1925.
Specimen: 23465 (*Type*), C. G. Lloyd, Samoa, 1904.
- STEREUM ALTERNUM Lloyd. Named in Lloyd's report to the collector, Myc. Writ. **7:** 1263, Jan. 1924. Butler and Bisby Fungi of India, p. 128, 1931.
Specimen: 8031 (*Type*), G. H. Cave, 1, comm. S. R. Bose, Darjeeling, India.
 No descriptive notes were found with the specimen.
- STEREUM ANASTOMOSANS (B. & C.) Lloyd Myc. Writ. **4:** St. 35, Dec. 1913. Burt Ann. Mo. Bot. Gard. **7:** 115, 1920.
Thelephora anastomosans B. & C. Jour. Linn. Soc. Bot. **10:** 329, 1868.
Specimen: 26653 (probably part of *Type*), C. Wright, Cuba, filed as *Thelephora*.
- STEREUM ARDOISIACUM Lloyd Myc. Writ. **7:** 1197, pl. 243 (f. 2443), July 1923.
Specimen: 8109 (*Type*), G. Ducharme, 118, Canada.
- STEREUM ATROPURPUREUM Lloyd Myc. Writ. **5:** 712, f. 1067, Oct. 1917. Sacc. Syll. Fungorum **23:** 509, 1925.
Specimen: 7576 (*Type*), M. L. Flockton, 14, Lawson, Blue Mts., N. So. Wales, 1916.
- STEREUM ATTENUATUM (Lév.) Lloyd Myc. Writ. **4:** L. 46: 6, Apr. 1913.
Hymenochaete attenuata Lév. Ann. Sci. Nat. Bot. III, **5:** 152, 1846.
Specimens: 26684, T. Hemmi, 22, Sapporo, Japan, Nov. 1919, filed as *Stereum*; also the following as *Hymenochaete*: 29700, A. Yasuda, 547, Sendai, Japan, Oct. 1918; 29745, A. Yasuda, 108, Mt. Akagi, Kotsuke, Japan, Dec. 1911; 29707, Phil. Islands, det. Bresadola.
- STEREUM AURANTIACUM (Pers.) Lloyd Myc. Writ. **4:** L. 46: 2, Apr. 1913; St. 22. f. 538, Dec. 1913. Burt Ann. Mo. Bot. Gard. **7:** 95, 1920. Rick Egatea **16:** 393, 1931. Overholts in Seaver and Chardon Sci. Survey of Porto Rico, **8:** 153, 1926.
Thelephora aurantiaca Pers. in Gaudichaud, Voy. Urania Bot. 176, 1827.
Specimens: Twelve specimens from A. Brockes, J. Rick, and C. Torrend, Brasil; B. Fink, Puerto Rico; C. G. Lloyd, Samoa.
- STEREUM AURIFORME Lloyd Myc. Writ. **7:** 1246. pl. 271 (f. 2660), Jan. 1924.
Specimen: 6810 (*Type*), C. van Overeem and W. van Leeuwen, 177, Depok, near Batavia, Java, Apr. 1921, on rotten stems.
- STEREUM AURISCALPIUM Lloyd Myc. Writ. **6:** 1056, pl. 181 (f. 1973), May 1921.
Lloydella auriscalpia Lloyd l. c. (as *auriscalpium*).
Specimens: None in the Lloyd Collection.
- STEREUM AUSTRALE Lloyd Myc. Writ. **4:** L. 48: 10, Nov. 1913, L. 60: 15, Dec. 1915. Sacc. Syll. Fungorum **23:** 507, 1925. Burt Ann. Mo. Bot. Gard.

7: 141, 1920. van der Bijl Trans. Roy. Soc. So. Afr. **10:** 152, f. 3, 1916; Ann. Univ. Stellenbosch **7-A**, no. 3: 40, 1929. Wakefield, Kew. Bull. **1934:** 251, 1934.

Specimens: 23408 (probably *Type*), C. G. Lloyd, 212, Bayard, Florida, Sept. 1913; 40314, C. G. Lloyd, 134, 26743, 26744, 26745, N. L. T. Nelson, Florida; 26740, J. M. Grant, Washington; 26741, O. M. Oleson, Mississippi; 26742, G. E. Morris, New Hampshire; 26739, F. J. Seaver, Trinidad; 26738, 48087, 18682, H. P. de la Bathie, Madagascar; 6823, P. van der Bijl, U. So. Africa.

STEREUM AVELLANACEUM Lloyd in herb.

Named in a list of specimens, Myc. Writ. **7:** 1345, March 1925. Lloyd's unpublished notes are as follows: "Conchoid, sessile, largely resupinate with pileate development. Surface even, minutely tomentose, unicolorous, about 'avellaneous' as near as my eye can catch it; context thin, white; hymenium pale, slightly buff; cystidia none; spores $3 \times 6 \mu$; hyaline, cylindrical, straight. This grew on a rotten log and is evidently very close to the common *Stereum fasciatum*, differing in surface color and hairs. Both species while not belonging to the 'bleeder' section have such a tendency; both if the hymenium is moistened and bruised will shortly turn brown."

Specimen: 8093 (*Type*), S. M. Stocker, Fergus Falls, Minnesota.

STEREUM BOMBYCINUM Lloyd Myc. Writ. **7:** 1336, pl. 322 (f. 3092), March 1925.

Specimen: 8057 (*Type*), C. C. Brittlebank, 10, Melbourne, Australia.

STEREUM BRESADOLEANUM Lloyd Myc. Writ. **4:** St. 41, Dec. 1913. Sacc. Syll. Fungorum **23:** 508, 1925. van Overeem Bull. Jard. Bot. Buitenzorg, III, **4:** 54, 1933.

Specimens: 23799, T. Hunter; 23812, P. van der Bijl, Africa; 23800, W. van Leeuwen, Java; 23801, V. Demange, China; 23810, W. W. Froggatt, Australia; 23807, C. G. Lloyd, Samoa; 23809, R. E. Holttum, Singapore, Brit. Malaya; 23802, 23803, 23804, 23805, 23806, 23808, 23811, various collectors, Phil. Islands. *Type* apparently in the Berlin Museum. According to Bresadola, Ann. Myc. **18:** 60, 1920, this is a synonym of *Lloydella involuta* (Kl.) Bres. Lloyd refers to it as a form of *Stereum involutum*.

STEREUM BURTIASMUM Lloyd (as McGinty) Myc. Writ. **7:** 1288, June 1924.

Stereum durum Burt Ann. Mo. Bot. Gard. **7:** 226, 1920, not *S. durum* Lloyd Myc. Writ. **6:** 885, pl. 128 (f. 1526), Oct. 1919.

Specimens: None in the Lloyd Collection.

STEREUM BURTISSIMUM Lloyd (as McGinty) Myc. Writ. **7:** 1288, June 1924.

Stereum sepium Burt Ann. Mo. Bot. Gard. **7:** 215, 1920, not *S. sepia* Lloyd Myc. Writ. **5:** L. 68: 12, 1918.

Specimens: None in the Lloyd Collection.

STEREUM CAPERATUM Lloyd.

See *Stereum turgidum* Lloyd.

NEW FUNGUS NAMES

STEREUM CAPERATUM (Mont.) Lloyd sec. Rick Egatea **16**: 392, 1931. Attributed to Lloyd by Rick, but antedated by *Stereum caperatum* (Berk. & Mont.) Mass. Jour. Linn. Soc. **27**: 161, 1890. Not to be confused with *Stereum caperatum* Lloyd (= *Stereum turgidum* Lloyd).

STEREUM CINERICIUM Lloyd Myc. Writ. **7**: 1131, Feb. 1922.

Specimens: 6832, *S. Kamei*, comm. *K. Miyabe*, 690, Maruyama, Japan, Apr. 1920, on *Quercus glandulifera*; 56525, *K. Miyabe*, 705, Tomakomai, Prov. Iburi, Hokkaido, Japan, Oct. 1904, on *Quercus grosseserrata*. Regarded by Lloyd merely as a color variation of *S. hirsutum*. Type not indicated.

STEREUM COALESCENS Lloyd Myc. Writ. **7**: 1338, pl. 324 (f. 3102), March 1925. Butler and Bisby Fungi of India, p. 128, 1931.

Specimen: 8068 (*Type*), *S. D. Joshi*, 18, comm. *P. L. Dey*, Almora, Himalayas, Sept. 1921. Not a good *Stereum* according to Lloyd, possibly a new genus.

STEREUM CONCHOIDES Lloyd Myc. Writ. **7**: 1338, pl. 324 (f. 3103), March 1925. Rick Egatea **15**: 309, 1930.

Specimen: 8086 (*Type*), *J. Rick*, Brasil, on *Taguaria* sp.

STEREUM CONTRASTUM Lloyd Myc. Writ. **7**: 1261, pl. 280 (f. 2765), Jan. 1924.

Specimen: 8063 (*Type*), *S. Rapp*, Sanford, Florida, Feb. 1923.

STEREUM CORRUGE Lloyd Myc. Writ. **5**: 826, f. 1382, March 1919.

Specimen: 38196 (*Type*), *H. S. Yates*, Bur. Sci. 25836, comm. *E. D. Merrill*, Rizal, Prov. Luzon, Phil. Islands, Jan. 1917.

STEREUM CRISPULUM Lloyd in herb.

Listed Myc. Writ. **7**: 1321, Oct. 1924 (as *crispulae*). The following unpublished notes are filed with the specimen: "My first impression was that of an *Auricularia*, but it is not at all gelatinous. Neither is it a *Stereum*, but we place it there for we know not where else to place it. Pileus imbricate, flaccid when moist, upper surface yellowish; hymenial face conchoid, dark, under the lens surface uneven, cristate; no spores or basidia found. We cannot make much out of it excepting that it is nothing familiar. The hymenium under a lens seems to be crested and uneven, but from what cause I am not informed."

Specimen: 55162 (*Type*), *J. Mitchell*, 7, New Zealand.

STEREUM CUNEATUM Lloyd.

See *Tremellodendron cuneatum* Lloyd.

STEREUM CUNEOFORME Lloyd Myc. Writ. **6**: 988, pl. 158 (f. 1757, 1758). Chipp Gard. Bull. Sts. Settlm. **2**: 342, 1921 (as *S. cuneiforme*).

Specimens: 23464 (*Type*), *E. M. Burkill*, comm. *T. F. Chipp*, Singapore, Brit. Malaya, Dec. 1913; 24322, *E. M. Burkill*, 254, Nov. 1913, among roots of *Hevea brasiliensis*; 23688, *T. F. Chipp*, 5112, Dec. 1919, same locality.

STEREUM DECEPTIVUM Lloyd Myc. Writ. **5**: 786, f. 1180, Aug. 1918; **7**: 1114, Feb. 1922.

Specimen: 6888 (*Type*), *E. Cheel*, 82, Sydney, Australia. Later referred by Lloyd to *Stereum ceriferum* Wakefield.

NEW FUNGUS NAMES

STEREUM DECOLORANS (B. & C.) Lloyd Myc. Writ. **4**: St. 36, Dec. 1913. Burt Ann. Mo. Bot. Gard. **7**: 107, 1920. Overholts in Seaver and Chardon Sci. Survey of Porto Rico **8**: 154, 1926.

Thelephora decolorans B. & C. Jour. Linn. Soc. Bot. **10**: 328, 1868.

Specimens: 24335, Duss, Martinique, det. Patouillard; 23645, "authentic," filed as *Thelephora*.

STEREUM DICHROIDES Lloyd Myc. Writ. **7**: 1271, pl. 284 (f. 2787), June 1924.

Specimen: 6808 (*Type*), S. Imai, 931, comm. K. Miyabe, Hokkaido, Japan, Sept. 1922.

STEREUM DICHROUM Lloyd Myc. Writ. **7**: 1158, pl. 223 (f. 2295), July 1922.

Specimen: 8070 (*Type*), L. J. K. Brace, 5, Bahamas.

STEREUM DUBIUM Lloyd Myc. Writ. **7**: 1335, pl. 321 (f. 3082), March 1925.

Specimen: 8053 (*Type*), H. Hill, Lake Waikaremoana, New Zealand. The specific name indicates the doubtful classification of this species, which Lloyd states is probably not a *Stereum*.

STEREUM DURUM Lloyd Myc. Writ. **6**: 885, pl. 128 (f. 1526), Oct. 1919; **7**: 1288, June 1924. Not *S. durum* Burt Ann. Mo. Bot. Gard. **7**: 226, 1920, which Lloyd renamed *S. burtiasium*.

Specimen: 6402 (*Type*), T. Hunter, 244, Ashanti, W. Africa.

STEREUM ELEGANS (Meyer) Lloyd Myc. Writ. **4**: St. 24, f. 539, Dec. 1913; L. 46: 2, Apr. 1913; **5**: 598, f. 843, Sept. 1916; 660, f. 946, 947, Apr. 1917; L. 68: 10, Dec. 1918; **7**: 1336, pl. 3 (f. 3091), March 1925. Burt Ann. Mo. Bot. Gard. **7**: 105, 1920. Overholts in Seaver and Chardon Sci. Survey of Porto Rico **8**: 154, 1926.

Thelephora elegans Meyer Fl. Essequiboensis 305, 1818.

Specimens: Thirty-seven specimens from the West Indies, Brasil, Surinam, India, Ceylon, Japan, Phil. Islands, Australia, and Tasmania.

STEREUM ELONGATUM Lloyd Myc. Writ. **7**: 1194, pl. 240 (f. 2422), July 1923.

Specimens: None in the Lloyd Collection. *Type*, H. S. Yates, 19, Sumatra.

STEREUM FASTIDIOSUM (Fr.) Lloyd Myc. Writ. **5**: 743, 744, f. 1116, Dec. 1917.

Thelephora fastidiosa Fr. Syst. Myc. **1**: 435, 1821.

Corticium fastidiosum (Fr.) Bourd. & Galz. Bull. Soc. Myc. Fr. **27**: 261, 1911.

Specimen: 23667, L. Maire, 24, Haute Marne, France.

STEREUM FELLOI Lloyd Myc. Writ. **6**: 1087, May 1921.

Specimen: 23466 (*Type*). A. Fello, 9738, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1920.

STEREUM FENIXII Lloyd Myc. Writ. **7**: 1115, pl. 196 (f. 2096), Feb. 1922.

Specimen: 23813 (*Type*). E. Fenix, Bur. Sci. 28281, comm. E. D. Merrill, Subprov. Apayao, Luzon, Phil. Islands. Considered by Lloyd as a form of *S. involutum*.

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STEREUM FOMITOPSE Lloyd Myc. Writ. **7**: 1245, pl. 271 (f. 2657), Jan. 1924 (as *fomitopsis*).

Specimen: 8059 (*Type*), C. van Overeem, 649, Tjibodas, W. Java, Nov. 1921, labeled *Stereum fomentopsis*. Rick, Brot. Cienc. Nat. **3**: 170, suggests that this may be identical with *Stereofomes terrestris* Rick.

STEREUM GOSSWEILERI Lloyd Myc. Writ. **7**: 1115, pl. 196 (f. 2093), Feb. 1922.

Specimen: 23827 (*Type*), J. Gossweiler, 94, Loanda, West Africa, March 1917, at first referred to *S. bresadoleanum*. Regarded by Lloyd as a form of *Stereum involutum*.

STEREUM GRANTII Lloyd Myc. Writ. **7**: 1314, pl. 307 (f. 3005), Oct. 1924.

Specimens: 8045 (*Type*), J. M. Grant, 3203, Langley, Washington, Feb. 1924; 8064, E. B. Sterling, Trenton, New Jersey.

STEREUM HARMANDI Lloyd Myc. Writ. **4**: St. 22, Dec. 1913.

Specimen: 23477, A. Yasuda, Sendai, Japan, Sept. 1906. *Type* at Paris, coll. Harmand, Japan.

STEREUM HARTMANNI (Mont.) Lloyd Myc. Writ. **4**: St. 34, f. 553, Dec. 1913.

Burt Ann. Mo. Bot. Gard. **7**: 112, 1920. Overholts in Seaver and Chardon Sci. Survey of Porto Rico **8**: 154, 1926.

Thelephora hartmanni Mont. Ann. Sci. Nat. Bot. II, **20**: 366, 1843.

Specimens: None found among Lloyd's collections.

STEREUM HOLLANDII Lloyd Myc. Writ. **4**: St. 30, f. 549, Dec. 1913.

Specimens: None in the Lloyd Collection. *Type* at Kew, coll. J. H. Holland, Old Calabar, Africa.

STEREUM INCISUM Lloyd Myc. Writ. **6**: 988, pl. 158 (f. 1756), Sept. 1920.

Chipp Gard. Bull. Sts. Settle. **2**: 342, 1921.

Specimen: 23689 (*Type*), M. Nur, comm. T. F. Chipp, 5134, Singapore, Dec. 1919.

STEREUM INSOLITUM Lloyd Myc. Writ. **5**: 665, f. 956, Apr. 1917. Sacc. Syll. Fungorum **23**: 507, 1925.

Specimen: 24337 (*Type*), F. T. McFarland, 13, Aug. 1916, Lexington, Kentucky. According to Burt, Ann. Mo. Bot. Gard. **7**: 237, 1920, this is a young specimen of *Thelephora regularis* Schw.

STEREUM INTRICATUM Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2290), July 1922.

Specimen: 6281 (*Type*), K. Miyabe, 706, Tomakomai, Prov. Iburi, Hokkaido, Japan, Dec. 1904, on *Micromeres alnifolia*.

STEREUM JAVANICUM Lloyd Myc. Writ. **7**: 1245, pl. 270 (f. 2656), Jan. 1924.

Specimens: 6845 (*Type*), H. & B. Bünnemeyer, comm. C. van Overeem, 304-a, Lombasang, Celebes, May 1921, labeled *S. javanianum*; 24038, W. van Leeuwen, 304, Tjibodas, G. Gedeh, W. Java, June 1921; 7348, J. P. Mousset, 9, Lawang, Java, Oct. 1911, on *Erythrina lithosperma*, as *Stereum* sp.

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STEREUM LAETUM Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2289), July 1922.

Specimen: 8081 (*Type*), G. Ducharme, 83, Canada. Not *S. laetum* Berk. Jour. Acad. Nat. Sci. Phil. **2**: 279, 1853.

STEREUM LAXUM Lloyd Myc. Writ. **4**: L. 60: 10, Dec. 1915.

Specimen: 5973 (*Type*), A. V. Duthie, 56, Stellenbosch, U. So. Africa.

STEREUM LIGNOSUM Lloyd Myc. Writ. **7**: 1336, pl. 322 (f. 3090), March 1925.

Specimen: 8042 (*Type*), C. Torrend, 130, Brasil. Not *S. lignosum* Baccarini, Ann. Bot. **14**: 123, 1917.

STEREUM LILACINO-FUSCUM (B. & C.) Lloyd Myc. Writ. **5**: L. 68: 8, Dec. 1918.

Corticium lilacino-fuscum B. & C. Grevillea **1**: 180, 1873.

Stereum sendaiense Lloyd Myc. Writ. **5**: 680, f. 1015, June 1917. Yasuda Bot. Mag. Tokyo **31**: (221), Sept. 1917, as *Stereum sendaiense* Yasuda.

Specimens: 33284 (*Type* of *S. sendaiense*). A. Yasuda, Sendai, Japan, Oct. 1916; 32850, same collector and locality, Oct. 1918, on *Fraxinus longicuspis*. Referred by Burt, Ann. Mo. Bot. Gard. **7**: 229, 1920, to *S. roseo-carneum* (Schw.) Fr.

STEREUM LIRATUM Lloyd Myc. Writ. **5**: 764, f. 1148, Feb. 1918.

Specimen: 32643 (*Type*), J. Umemura, 190, Mt. Inaba, Gihu, Japan, Nov. 1916, on *Pasania cuspidata*. Referred by Ito to *Hymenochaete* as *H. lirata* (Lloyd) Ito Bot. Mag. Tokyo **44**: 154, 1930.

STEREUM MACRORRHIZUM (Lév.) Lloyd Myc. Writ. **4**: St. 28, Dec. 1913. Burt Ann. Mo. Bot. Gard. **7**: 92, 1920.

Thelephora macrorrhiza Lév. Ann. Sci. Nat. Bot. III, **5**: 146, 1846.

No specimens. *Type* at Paris, from South America. Considered by Lloyd a form of *Stereum elegans*.

STEREUM MALABARENSE Lloyd Myc. Writ. **4**: St. 39, Dec. 1913. Butler and Bisby Fungi of India, p. 129, 1931.

Specimen: 24321. T. Petch, 4436. Ceylon. Based on specimens from Malabar determined by Cooke as *Stereum elegans*, but regarded by Lloyd as probably a form of *S. affine*.

STEREUM MULTIFIDUM Lloyd Myc. Writ. **7**: 1311, pl. 303 (f. 2968), Oct. 1924.

Specimen: 8097 (*Type*), H. Vanderyst, 12695, Belgian Congo, Africa.

STEREUM NIGROBASUM Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3112), March 1925.

Specimen: 8051 (*Type*), H. Vanderyst, 12691, Belgian Congo, Africa, Nov. 1922.

STEREUM NIGROPORUM Lloyd Myc. Writ. **6**: 886, pl. 130 (f. 1534), Oct. 1919.

Specimen: 23668 (*Type*), S. Panganiban, comm. O. A. Reinking, 3379, Mt. Maquiling, Phil. Islands, Aug. 1917.

STEREUM NIGRO-RUGOSUM Lloyd Myc. Writ. **7**: 1195, pl. 241 (f. 2428), July 1923.

Specimens: 8046 and 26708 (both *Type*), M. Ramos, 2113, comm. H. A. Lee,

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Brit. No. Borneo, Sept.-Dec. 1920. Lloyd comments on this species: "I think it is not a *Stereum*, probably an *Auricula*."

STEREUM NIPPONICUM Lloyd Myc. Writ. **7**: 1273, pl. 286 (f. 2801), June 1924.

Specimen: 8044 (*Type*), S. Kamei, comm. K. Miyabe, 712, Sapporo, Japan, March 1920, on *Alnus japonica*.

STEREUM NITENS Lloyd Myc. Writ. **7**: 1158, pl. 223 (f. 2292), July 1922.

Specimen: 8036 (*Type*), L. Rodway, 1148, Tasmania.

STEREUM NOVOMOLLE Lloyd Myc. Writ. **7**: 1159, pl. 224 (f. 2297, 2298), July 1922.

Specimen: 8041 (*Type*), part of specimen at Berlin from Brasil, labeled as *Stereum molle* Lév.

STEREUM NUNEZII Lloyd Myc. Writ. **7**: 1300, June 1924.

Stereum valdezii Lloyd Myc. Writ. **7**: 1225, pl. 254 (f. 2520), Sept. 1923.

Specimens: 8096 (*Type*), N. A. Nuñez Valdez, 127, Ecuador, filed as *S. valdezii*; 8079, N. A. Nuñez Valdez, 140, Ecuador.

STEREUM OBSCURUM Lloyd Myc. Writ. **4**: L. 59: 4, Oct. 1915.

Specimen: 6401 (*Type*), J. B. Cleland, 44, Sydney, Australia, March 1915. Lloyd notes that this might be considered a variety of *Stereum spadiceum* Fr.

STEREUM OCCIDENTALE Lloyd Myc. Writ. **5**: L. 69: 12, Apr. 1919.

Specimen: 6809 (*Type*), I. M. Johnston, 225, Sunset Peak, San Antonio Mts., California, Nov. 1918, on *Quercus chrysolepis*. Referred to *Stereum gausapatum* Fr. by Burt in Ann. Mo. Bot. Gard. **7**: 136, 1920.

STEREUM OCHRACEUM Lloyd Myc. Writ. **7**: 1207, July 1923.

Specimen: 8040 (*Type*), J. T. Paul, Caulfield, Australia. Considered by Lloyd "only a color form of *Stereum hirsutum*."

STEREUM PALLIDUM (Pers.) Lloyd Myc. Writ. **4**: St. 31, f. 550, Dec. 1913; L. 60: 14, Dec. 1915. Burt Ann. Mo. Bot. Gard. **7**: 104, 1920.

Craterella pallida Pers. Icon. et Desc. Fung. **1**: 3, pl. 1, f. 3, 1798.

Specimens: 7710, C. G. Lloyd, Eglon, West Virginia, Sept. 1915; 23474, V. Dupain, 23670, H. Bourdot, France; 23671, Germany, data not given; 40716, P. Konrad, Switzerland.

STEREUM PARVULUM Lloyd Myc. Writ. **7**: 1225, pl. 255 (f. 2526), Sept. 1923.

Specimen: 24327 (*Type*), R. E. Holttum, 9649, Sebong, Brit. Malaya, Nov. 1922.

STEREUM PHILIPPINENSE (Bres.) Lloyd Myc. Writ. **7**: 1115, pl. 196 (f. 2097), Feb. 1922 (as *philippense*).

Lloydella involuta (Kl.) Bres. var. *philippinensis* Bres. Hedwigia **56**: 300, 1915.

Specimens: 23934, cotype of the Bresadola variety, P. W. Graff, Bur. Sci. 21020, Mt. Maquilang, Luzon, Phil. Islands, Apr. 1913; 23835, H. S. Yates, Bur. Sci. 25814, Mt. Cadig, Tayabas, Luzon, Phil. Islands, Dec. 1916.

STEREUM PHOCA Lloyd Myc. Writ. **5**: 786, f. 1181, Aug. 1918.

Specimens: 7738 (*Type*), *E. Cheel*, 41, Sydney, Australia, 1909; 6407, *C. Bernard*, 29, Buitenzorg, Java.

STEREUM PLICATULUM (Pk.) Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2286), July 1922.

Stereum spadiceum var. *plicatulum* Pk. Rept. N. Y. State Mus. **50**: 132, 1897.

Specimens: 8103, *A. Yasuda*, Sendai, Japan, Oct. 1921; 8048, *A. Yasuda*, 690, Sendai, Japan, Oct. 1915. The legend of the illustration is given as *Stereum pileatulum*.

STEREUM PLICATUM Lloyd Myc. Writ. **5**: 807, Oct. 1918.

Specimen: 26673 (*Type*), *E. Cheel*, 52, N. So. Wales. Noted as possibly an anomaly of *Stereum caperatum*.

STEREUM PROLIFERUM (Berk.) Lloyd Myc. Writ. **4**: St. 34, f. 554, Dec. 1913.

Burt Ann. Mo. Bot. Gard. **7**: 115, 1920.

Thelephora prolifera Berk. Hook. Jour. Bot. **8**: 272, 1856.

Specimens: None in the Lloyd Collection. *Type*, coll. *Spruce*, Brasil.

STEREUM PROXIMUM Lloyd Myc. Writ. **4**: St. 40, Dec. 1913; **7**: 1115, Feb. 1922.

van der Bijl Trans. Roy. Soc. So. Africa **10**: 152, f. 2, 1916; Ann. Univ. Stellenbosch **7-A**, no. 3: 38, 1929.

Specimens: 23840, 23841, *P. van der Bijl*, 423 and 439, respectively, Natal, U. So. Africa; 23807, *C. G. Lloyd*, Samoa, 1904-1905, at first labeled *Stereum involutum* var. *samoense*, filed as *Stereum bresadoleanum*, is possibly the type specimen. In his first description Lloyd suggests that *S. proximum* is a form of *S. involutum*; later, however, he referred his species to *S. bresadoleanum*.

STEREUM PURPURASCENS Lloyd Myc. Writ. **4**: L. 53: 15, Nov. 1914.

Specimen: 6831 (*Type*), *A. Hibbard*, 11, West Roxbury, Massachusetts. Regarded as a variety of *Stereum cinerascens* by Lloyd. Burt refers the species to *S. cinerascens* (Schw.) Mass. in Ann. Mo. Bot. Gard. **7**: 203, 1920.

STEREUM QUISQUILIARE (B. & C.) Lloyd Myc. Writ. **4**: St. 36, f. 557, Dec. 1913.

Burt Ann. Mo. Bot. Gard. **7**: 95, 1920. Overholts in Chardon and Toro Myc. Expl. Venezuela, p. 308, 1934.

Thelephora quisquiliaris B. & C. Jour. Linn. Soc. Bot. **10**: 329, 1868.

Specimens: None found in the Lloyd Collection.

STEREUM REFLEXUM Lloyd in herb.

This name used in a list of collections. Myc. Writ. **7**: 1128, Feb. 1922. The following unpublished notes are filed with the specimen: "Elongated, effused, with a narrow reflexed border; surface of the pileus scabrous, hirsute, with brown hairs, slightly zonate; hymenium thick, white; cystidia none; spores not found. I do not know that its effused habits have value, but presume they do. The thick white hymenium reminds one of *Stereum bicolor*. A section shows

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a colored zone below the pubescent zone, as in *Stereum hirsutum*. It goes in section 12."

Specimen: 8061 (*Type*), H. S. Yates, 19, Sumatra.

STEREUM REPLICATUM Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3111), March 1925.
Rick Egatea **15**: 308, 1930.

Specimen: 6800 (*Type*), J. Rick, Brasil.

STEREUM ROSEO-HIRSUTUM Lloyd Myc. Writ. **7**: 1245, pl. 271 (f. 2659), Jan. 1924.

Specimen: 8058 (*Type*), C. van Overeem, 174, Java, Apr. 1921, on rotten stems.

STEREUM SCLEROTIODES Lloyd Myc. Writ. **7**: 1115, pl. 197 (f. 2104, 2105), Feb. 1922.

Specimen: 25579 (*Type*), C. Torrend, 855, Brasil.

STEREUM SENDAIENSE Lloyd.

See *Stereum lilacino-fuscum* (B. & C.) Lloyd.

STEREUM SEPIUM Lloyd Myc. Writ. **5**: L. 68: 12, Dec. 1918; **7**: 1288, June 1924, without description (as *sepia*).

Specimens: None found in the Lloyd Collection. Based on a specimen from Japan, A. Yasuda, which appears from Lloyd's note to be very doubtful: "Not a *Stereum* or any genus known to me." Not *Stereum sepium* Burt, which Lloyd renamed *S. burtissimum*.

STEREUM SINENSE Lloyd Myc. Writ. **7**: 1115, pl. 197 (f. 2102), Feb. 1922.

Specimen: 24325 (*Type*), H. H. Hu, 92, Chekiang, China.

STEREUM SPINIFERUM Lloyd Myc. Writ. **4**: L. 51: 4, f. 565, March 1914; **5**: 786, f. 1179, Aug. 1918. Sacc. Syll. Fungorum **23**: 509, 1925.

Specimens: None in the Lloyd Collection under this name; some of the collections from Australia and Tasmania filed as *Stereum illudens* were probably first considered by Lloyd as *S. spiniferum*, since he later referred his species to *S. illudens*, Myc. Writ. **5**: 786, f. 1179, Aug. 1918.

STEREUM TENEBROSUM Lloyd Myc. Writ. **5**: L. 67: 16, July 1918.

Specimens: 6816 (*Type*), L. Mille, 4, Ecuador; 23525-23527, comm. A. M. Bottomley, U. So. Africa; 23528, S. Rapp, Sanford, Florida; also the following filed as *Stereum lobatum* var. *cinereum*: 6815, I. B. Pole Evans; 6396, P. van der Bijl; 23534, G. Zenker, all from Africa; 23535, C. A. O'Connor, Mauritius. Before this was named by Lloyd as a species, he referred to the fungus as "*Stereum lobatum* with cinereous hymenium;" see Myc. Writ. **4**: L. 42: 3, April 1913.

STEREUM TRANSLUCENS Lloyd Myc. Writ. **7**: 1334, pl. 320 (f. 3076), March 1925.

Specimen: 8076 (*Type*), R. E. Holtum, 9699, Brit. Malaya, Nov. 1922.

STEREUM TURCIDUM Lloyd Myc. Writ. **5**: L. 63: 15, Nov. 1916.

Stereum caperatum Lloyd Myc. Writ. **4**: 549, f. 751, Feb. 1916.

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Specimen: 6416 (*Type*), A. V. Duthie, 74, Knysna, U. So. Africa. This should be distinguished from *Stereum caperatum* (Berk. & Mont.) Mass., several references to which occur in Lloyd's Mycological Writings, and the existence of which led him to rename his species.

STEREUM UNGULIFORME Lloyd Myc. Writ. **4**: L. 48: 10, f. 569, Nov. 1913 (as *unguliformis*). Sacc. Syll. Fungorum **23**: 507, 1925.

Specimen: 24328 (*Type*), H. Perrier de la Bathie, 1385, Madagascar.

STEREUM UNICUM Lloyd Myc. Writ. **4**: St. 35, f. 555, Dec. 1913; **6**: 1073, May 1921.

Specimen: 23454, C. Cool, Holland. *Type* in the Albany Museum, as *Thelephora speciosa*. According to Burt. Ann. Mo. Bot. Gard. **7**: 236, 1920, "the type bears no basidia yet and is not determinable as to genus." Donk, Meded. Bot. Mus. Univ. Utrecht **9**: 240, 1933, is of the opinion that the fungus is an abortive *Polystictus*.

STEREUM VALDEZII Lloyd.

See *Stereum nunezii* Lloyd.

STEREUM VARIEGATUM (Bres.) Lloyd Myc. Writ. **7**: 1337, pl. 333 (f. 3096), March 1925.

Hymenochaete variegata Bres. Hedwigia **56**: 301, 1915.

Specimens: 8071, R. C. McGregor, comm. E. D. Merrill, Bur. Sci. 8712, Pauai, Prov. Benguet, Luzon, Phil. Islands. June 1909, sent as *Hymenochaete tricolor* Mart.; 8032, comm. R. E. Holttum, 12155, Brit. Malaya, Feb. 1924.

STEREUM VARIICOLOR Lloyd Myc. Writ. **4**: L. 53: 10, Nov. 1914.

Specimens: 6834, 6896, 28738, 28761, 28762, 47805, all from C. E. Owens, Corvallis, Oregon, June and July 1914 (*Type* presumably one of these specimens); 28759, 28760, J. Dearness, British Columbia; 28763, 47804, J. M. Grant, Sequim, Washington. Lloyd describes this as a very distinct form of *Stereum hirsutum*. Burt includes it in the synonymy of *Stereum hirsutum* Willd., Ann. Mo. Bot. Gard. **7**: 150, 1920.

STEREUM VIRIDANS Rick in Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3113), March 1925. Rick Egatea **15**: 394, 1930.

Specimen: 8085 (*Type*), J. Rick, Brasil.

STEREUM XYLOSTROMA Lloyd Myc. Writ. **7**: 1121, pl. 201 (f. 2143), Feb. 1922.

Specimen: 6422 (*Type*), L. Mille, Quito, Ecuador.

STEREUM ZONARIUM Lloyd Myc. Writ. **5**: 664, f. 955, Apr. 1917. Sacc. Syll. Fungorum **23**: 507, 1925.

Specimen: 26688 (*Type*), J. B. Cleland, 249, Sydney, Australia.

THELEPHORA

THELEPHORA AMERICANA Lloyd Myc. Writ. **4**: L. 59: 4, Oct. 1915.

Thelephora intybacea of Burt, not of European authors.

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Specimens: Sixteen specimens from New York, New Jersey, New Hampshire, Vermont, Massachusetts, Pennsylvania, Ohio, North Carolina, Washington, Canada, New Zealand.

THELEPHORA CRUSTOSA Lloyd Myc. Writ. **4:** L. 58: 5, July 1915; **7:** 1196, pl. 242 (f. 2432), July 1923.

Specimen: 41483 (*Type*), J. Mitchell, Christ Church, New Zealand.

THELEPHORA DUBIA Lloyd Myc. Writ. **7:** 1114, pl. 195 (f. 2090), Feb. 1922.

Specimen: 31343 (*Type*), C. E. Chardon, 1329, Penuelas, Puerto Rico, Aug. 1920. Lloyd notes that this fungus has no connection with *Thelephora dubia* Pers. Syn. Fung. **2:** 566, 1801, and that "some future juggler will use it as an excuse to change this name."

THELEPHORA FUSCELLA (Ces.) Lloyd Myc. Writ. **7:** 1228, pl. 257 (f. 2544), Sept. 1923.

Thelephora multipartita f. *fuscella* Ces. Atti Acc. Sci. Napoli **8:** no. 3: 10, 1879.

Specimen: 31345, from Cesati herbarium, coll. in Sarawak, probably part of the type.

THELEPHORA GELATINOIDEA Lloyd Myc. Writ. **6:** 890, pl. 132 (f. 1546), Oct. 1919. *Pseudothelephora gelatinosa* Lloyd (as McGinty) l. c.

Specimen: 31333 (*Type*), G. H. Cave, Darjeeling, India, Oct. 1918. Lloyd gives the specific name for the *Thelephora* and in the legend of the illustration as *gelatinoidea*; for *Pseudothelephora* and on the herbarium label as *gelatinosa*.

THELEPHORA PAPILLOSA Lloyd Myc. Writ. **4:** L. 54: 5, f. on p. 8, Jan. 1915; L. 56: 8, f. 708, 1915; **5:** L. 65: 9, March 1917. Sacc. Syll. Fungorum **23:** 504, 1925. Yasuda Bot. Mag. Tokyo **29:** (421), 1915; 31: 45, 1917. Shirai and Hara List of Japanese Fungi Ed. 3: 389, 1926.

Specimens: 31339 (*Type*), A. Yasuda, 270, Mikawa, Japan, Oct. 1914; 31326, J. Umemura, 31331, J. E. A. Lewis, 38477, Yoshinaga, all from Japan. Apparently not *Thelephora papillosa* Fr. Elench. Fung. **1:** 212, 1828.

THELEPHORA PENICILLATA Lloyd Myc. Writ. **6:** 989, pl. 158 (f. 1759, 1760), Sept. 1920. van der Bijl Trans. Roy. Soc. So. Africa **10:** 285, 1916; Ann. Univ. Stellenbosch **7-A**, no. 3: 32, 1929.

Specimen: 31336 (*Type*), A. V. Duthie, 231, U. So. Africa. This seems to have been intended by Lloyd as a new species, although his description and comparison with *T. spiculosa* Fr. might indicate that he had reference to *T. penicillata* Fr. Syst. Myc. **1:** 434, 1821. In a note with a specimen of another species, Lloyd refers to *T. penicillata*, "which I had named from South Africa."

THELEPHORA SOLUTA (Ces.) Lloyd Myc. Writ. **7:** 1228, pl. 257 (f. 2545), Sept. 1923; 1273, pl. 286 (f. 2802), June 1924.

Thelephora multipartita var. *soluta* Ces. Atti Accad. Sci. Napoli **8**, no. 3: 10, 1879.

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Specimens: 31332 (part of *Type?*), authentic Cesati specimen, Sarawak; 41476, S. Imai, 935, comm. K. Miyabe, Sapporo, Prov. Ishkari, Hokkaido, Japan, Oct. 1922.

THELEPHORA SPATHULATA Lloyd Myc. Writ. **7**: 1335, pl. 321 (f. 3083), March 1925.

Specimen: 41473 (*Type*), H. E. Parks, 8054, Tahiti, Society Islands, June 1922, on *Hibiscus tiliaceus*.

CLAVARIACEAE

CAPITOC LAVARIA

CAPITOC LAVARIA Lloyd (as McGinty) Myc. Writ. **7**: 1107, pl. 189 (f. 2037), Feb. 1922. *Clavaria* species having the hymenium only on terminal heads. Type, *C. capitata* Lloyd.

CAPITOC LAVARIA CAPITATA Lloyd (as McGinty).

See *Clavaria capitata* Lloyd.

CLAVARIA

CLAVARIA ALBA Lloyd Myc. Writ. **7**: 1153, pl. 215 (f. 2246), July 1922.

Specimens: 32838 (*Type*), 32837, L. Rodway, Hobart, Tasmania. Not. *C. alba* Pers. Myc. Eur. **1**: 161 or 175, 1822, which are different according to Coker.

CLAVARIA AUSTRALIS (Coker) Lloyd Myc. Writ. **7**: 1263, Jan. 1924, in list of specimens received.

Clavaria decurrens var. *australis* Coker *Clavarias* of U. S., p. 177, 1923.

Specimen: 32688, W. C. Coker, 3144, Chapel Hill, North Carolina, Aug. 1918.

CLAVARIA CAPITATA Lloyd Myc. Writ. **7**: 1107, pl. 189 (f. 2037), Feb. 1922.

Capitoclavaria capitata Lloyd (as McGinty) l. c.

Ramaria capitata Lloyd l. c.

Specimen: 32595 (*Type*), E. J. Semmens, 40, Australia. Apparently not *Clavaria capitata* Holmsk. Coryph. Clav. Ram. 82, 1790, nor *C. capitata* With. Brit. Pl. Ed. 3, **4**: 360, 1796.

CLAVARIA NIGRICANS Lloyd Myc. Writ. **5**: 729, f. 1093, 1094, Nov. 1917. Sacc. Syll. Fungorum **23**: 492, 1925.

Specimens: *Type*, M. Espinosa, Chile, not found among Lloyd's collections.

CLAVARIA TAXOPHILA (Thom) Lloyd Myc. Writ. **6**: 1008, pl. 170 (f. 1856), Sept. 1920; **7**: 1236, pl. 264 (f. 2614), Sept. 1923 (as *Craterellus*).

Craterellus taxophilus Thom Bot. Gaz. **37**: 218, 3 fig., 1904.

Specimens: 39237, C. Thom (part of *Type?*), Ithaca, New York; 39236, A. Hibbard, Newfane, Vermont, Sept. 1922, filed under *Craterellus*. In his first reference Lloyd states that this fungus is "for me a much better *Clavaria* than it is a *Craterellus*," but later reversed his opinion.

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CLAVARIACHAETA

CLAVARIACHAETA Lloyd (as McGinty) Myc. Writ. **7**: 1111, pl. 192 (f. 2068), Feb. 1922. Type *C. peckoltii* Lloyd.

CLAVARIACHAETA PECKOLTH Lloyd (as McGinty).
See *Dendrocladium peckoltii* Lloyd.

DENDROCLADIUM

DENDROCLADIUM (Pat.) Lloyd Myc. Writ. **5**: 870, Aug. 1919.

Lachnocladium, sect. *Dendrocladium* Pat. Jour. Bot. [Paris] **3**: 33, 1889.
Killermann in Engler & Prantl, Natürl. Pflanzenf. Ed. 2, **6**: 150, 1928, attributes the genus to Patouillard, who, however, gave this name to a section of *Lachnocladium*.
Type, *D. hirsutum* (P. Henn.) Lloyd.

DENDROCLADIUM ARCHERI (Berk.) Lloyd Myc. Writ. **5**: index 13, 1919.

Thelephora archeri Berk. in Hooker Fl. Tasmania **2**: 258, pl. 183, f. 2, 1860.

Lachnocladium archeri (Berk.) Lloyd Myc. Writ. **5**: 624, f. 885, 1917.

Specimen: 31334, authentic material of Berkeley species, filed as *Thelephora*.

DENDROCLADIUM CONGESTUM (Berk.) Lloyd Myc. Writ. **5**: index 13, 1919.

Thelephora congesta Berk. Jour. Linn. Soc. **13**: 168, 1872.

Lachnocladium congestum (Berk.) Lloyd Myc. Writ. **5**: 623, f. 884, Jan. 1917.

Specimens: 34294, 34300, *J. B. Cleland*; 34301, *E. Cheel*, N. So. Wales.

DENDROCLADIUM FRUCTICOLUM Lloyd Myc. Writ. **6**: 942, pl. 153 (f. 1739), Jan. 1920 (as *fruticicola*).

Specimen: 33026 (*Type*), *J. Gossweiler*, Angola, Africa.

DENDROCLADIUM FURCELLATUM (Fr.) Lloyd Myc. Writ. **6**: 958, 1920, in list of collections.

Clavaria furcellata Fr. Linnaea **5**: 531, 1830.

Lachnocladium furcellatum (Fr.) Lév. Ann. Sci. Nat. III, **5**: 159, 1846.

Specimen: 33030, *J. B. Cleland*, Sydney, N. So. Wales.

DENDROCLADIUM GUADELUPENSE (Lév.) Lloyd Myc. Writ. **5**: index 13, 1919 (as *D. guadeloupe*).

Merisma guadelupense Lév. Ann. Sci. Nat. III, **5**: 157, 1846.

Specimens: None in the Lloyd Collection.

DENDROCLADIUM HIRSUTUM (P. Henn.) Lloyd Myc. Writ. **5**: 870, Aug. 1919; index 13, 1919.

Pterula hirsuta P. Henn. Monsunia **1**: 9, 1899.

Specimens: None found in the Lloyd Collection.

DENDROCLADIUM JURUENSE (P. Henn.) Lloyd Myc. Writ. **5**: 870, Aug. 1919; index 13, 1919 (as *juruensis*).

Phaeopterula juruensis P. Henn. Hedwigia **43**: 175, 1904.

Specimens: None found in the Lloyd Collection.

DENDROCLADIUM PECKOLTH Lloyd Myc. Writ. **7**: 1111, pl. 192 (f. 2068), 1922.

Specimen: 33031 (*Type*), G. Peckolt, Brasil. Proposed also (l. c.) as the type of a new genus *Clavariachaeta*. According to Bresadola, this species is probably identical with *Lachnocladium brasiliense* Lév.; see Killermann in Engler & Prantl, Natürl. Pflanzenf. Ed. 2, **6**: 150, 1928.

LACHNOCLADIUM

LACHNOCLADIUM ARCHERI (Berk.) Lloyd.

See *Dendrocladium archeri* (Berk.) Lloyd.

LACHNOCLADIUM CONGESTUM (Berk.) Lloyd.

See *Dendrocladium congestum* (Berk.) Lloyd.

LACHNOCLADIUM CRISTATUM Lloyd Myc. Writ. **6**: 890, pl. 132 (f. 1547), Oct. 1919.

Specimen: 34297 (*Type*), A. V. Duthie, 218, U. So. Africa.

PTERULA

PTERULA ABIETIS Lloyd Myc. Writ. **7**: 1357, pl. 336 (f. 3200), July 1925.

Specimen: 32752 (*Type*), R. Maire, Lunéville, France, Sept. 1920, on *Abies alba*.

PTERULA ACICULAEFORMIS Lloyd Myc. Writ. **5**: 868, f. 1481, Aug. 1919.

Specimen: 32712 (*Type*), D. Baybay, comm. O. A. Reinking, 3330, Mt. Maquiling, Phil. Islands, Aug. 1917.

PTERULA ACTINAEFORMIS (Berk.) Lloyd Myc. Writ. **5**: 869, f. 1485, Aug. 1919.

Thelephora actinaeformis Berk. Jour. Bot. & Kew Misc. **8**: 239, 1856.

Specimens: None in the Lloyd Collection.

PTERULA COMMERSIONII (Lév.) Lloyd Myc. Writ. **5**: 868, f. 1482, Aug. 1919.

Thelephora commersonii Lév. Ann. Sci. Nat. Bot. III, **2**: 208, 1844.

Specimens: None in the Lloyd Collection.

PTERULA EXSERTA Lloyd Myc. Writ. **5**: 866, f. 1475, 1476, Aug. 1919.

Specimens: None in the Lloyd Collection. Type, specimen in herbarium at Berlin referred to *Pterula plumosa*. Lloyd observes that *Pterula subplumosa* P. Henn. is probably the same fungus.

PTERULA FASCICULARIS Bres. & Pat. in Lloyd Myc. Writ. **1**: 50, May 1901; **4**:

532, f. 727, Dec. 1915; **5**: 790, Aug. 1918; 865, f. 1470, Aug. 1918. Sacc. Syll. Fungorum **16**: 1116, 1902; **17**: 200, 1905.

Specimens: 32762 (*Ex-type*). C. G. Lloyd. 5012. Samoa. Jan. 1900; 32763, C. G. Lloyd. Samoa. 1904-1905; 32755, C. Torrend. Brasil; 32756-32761, J. Rick, Brasil. Later referred by Lloyd to *Mucronella fascicularis* (A. & S.) Fr., Myc. Writ. **5**: 790, Aug. 1918; 865, f. 1470, Aug. 1919.

NEW FUNGUS NAMES

PTERULA FRUTICA Lloyd Myc. Writ. **5**: 822, f. 1373, March 1919; 867, f. 1478, Aug. 1919 (as *P. fruticum*).

Specimen: 32727 (*Type*), J. Gossweiler, 46, Loanda, West Africa, March 1917, on rotting fruits. According to Lloyd, this is distinct from *P. fruticola* Bres.

PTERULA HIMALAYENSIS (Mass.) Lloyd Myc. Writ. **5**: 867, Aug. 1919. Butler & Bisby Fungi of India, p. 127, 1931.

Lachnocladium himalayense Mass. Kew Bull. **1898**: 114, 1898.

Specimens: None in the Lloyd Collection.

PTERULA INCISA Lloyd Myc. Writ. **6**: 1057, pl. 181 (f. 1974), May 1921.

Specimen: 32747 (*Type*), F. Obias, comm. O. A. Reinking, 9687, Mt. Maquiling, Phil. Islands, Oct. 1920.

PTERULA LANDOLPHIAE Lloyd Myc. Writ. **7**: 1144, pl. 206 (f. 2184), July 1922 (as *P. landelphiae*).

Specimen: 32728 (*Type*), J. Gossweiler, 278, Africa, on seeds of *Landolphia florida*.

PTERULA LUZONENSIS Lloyd Myc. Writ. **7**: 1106, pl. 188 (f. 2026), Feb. 1922.

Specimen: 36218 (*Type*), T. Dadufalza, comm. O. A. Reinking, 10511, Mt. Maquiling, Phil. Islands, Nov. 1920. Lloyd states: "It is doubtful to my mind if it is really a Basidiomycete."

PTERULA MANNII Lloyd Myc. Writ. **5**: 793, f. 1194, Aug. 1918; 867, Aug. 1919. *Lachnocladium manni* ined., name on a specimen in the herbarium at Kew.

Specimens: 32711, J. Gossweiler, 48, Loanda, Portuguese W. Africa, March 1917; 32721, A. Sanchez, 9725, Mt. Maquiling, Phil. Islands, Oct. 1920.

PTERULA MILLEI Lloyd in herb.

Named in list of specimens, Myc. Writ. **7**: 1296, June 1924. Lloyd's unpublished comments are as follows: "We had just gone over this section of *Pterula* from Brazil, when this plant arrived from Ecuador. We believe it is neither of the previous species [not named; probably *Pterula fascicularis* and *P. ramosa*] though similar in color and habits. It is close to *Pterula ramosa*, but a finer, more slender species with the teeth mostly simple."

Specimen: 32726 (*Type*), L. Mille, 13, Ecuador.

PTERULA PENICELLATA Berk. in Lloyd Myc. Writ. **5**: 863, f. 1466, 1467, Aug. 1919; **7**: 1340, pl. 326 (f. 3125), March 1925.

Specimens: 32744, O. M. Oleson, Iowa; 34369, C. G. Lloyd, Ohio; 33843, G. R. Bisby, Canada; 32745, 32740, J. Rick, Brasil; 32741, H. Vanderyst, and 32746, A. M. Bottomley, Africa; 32741, P. L. Dey, India; 32742, A. Yasuda, Japan. The name was given in manuscript by Berkeley to a Ravenel collection at Kew.

PTERULA RAMOSA Lloyd in herb.

This species was named in a report to the collector, Myc. Writ. **7**: 1297, June 1924. The following unpublished notes are filed with the specimen:

NEW FUNGUS NAMES

"Fasciculate from a common base, pendulose, subiculum none, teeth slender, reddish, sharp, from a branched stem, which is paler than the teeth. In general effect this appears to be large examples of the previous plant [probably *P. fascicularis* is meant; not named] but a close examination shows it to have the teeth of each branch proceeding from a common stem, while the teeth are simple and much smaller in *Pterula fascicularis*."

Specimen: 32720 (*Type*), 32718, 32719, *J. Rick*, Brasil.

PTERULA SCLERODONTIA (Berk. & Mont.) Lloyd Myc. Writ. **7**: 1153, pl. 215 (f. 2247), July 1922; **7**: 1340, pl. 326 (f. 3123), March 1925.

Hydnum sclerodontium Berk. & Mont. in Hook. Jour. Bot. **3**: 333. 1844. Lloyd Myc. Writ. **6**: 931, pl. 148 (f. 1692), Jan. 1920.

Specimens: 32731, *I. H. Burkill*, 32733, 32717, 32732. comm. *R. E. Holttum*, Brit. Malaya; 32730, comm. *O. A. Reinking*, Phil. Islands; also 36684, Selanger, Brit. Malaya, filed as *Odontia sclerodontium*.

PTERULA SPRUCEI (Mont.) Lloyd (as McGinty) Myc. Writ. **5**: 865, f. 1471, Aug. 1919.

Hydnum sprucei Mont. Syll. Crypt. 173, 1856.

Pterula pennata P. Henn. Hedwigia **43**: 174, 1904.

Specimens: None in the Lloyd Collection.

PTERULA TASMANICA Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2539), Sept. 1923.

Specimen: 32715 (*Type*). *L. Rodway*, 1267, Tasmania. Lloyd suggests that this may be a species of *Tremellodendron*.

PTERULA TRACHODES (Berk.) Lloyd Myc. Writ. **5**: 869, f. 1484, Aug. 1919.

Thelephora trachodes Berk. Jour. Bot. & Kew Misc. **8**: 239, 1856.

Specimens: None found in the Lloyd Collection.

RAMARIA

RAMARIA CAPITATA Lloyd.

See *Clavaria capitata* Lloyd.

HYDNACEAE

CORNEOHYDNUM

CORNEOHYDNUM Lloyd. Named in Myc. Writ. **7**: 1321, Oct. 1924, in a list of specimens received. Type, *C. anomalum* Lloyd.

CORNEOHYDNUM ANOMALUM Lloyd in herb.

So named in Lloyd's report to the collector, Myc. Writ. **7**: 1321, Oct. 1924. His unpublished notes describe the species as follows: "The larger fungi of temperate regions were mostly put into consistent genera by Persoon and Fries. In the tropics and foreign countries, specimens come in that cannot be included in these genera with any consistent reasoning. This is a resupinate plant coming off in slabs. The subiculum or context is white, hard, horny, not fleshy like the usual fungus. It takes a high power to resolve it into close compact hyphae.

NEW FUNGUS NAMES

The hymenial surface is dark reddish brown, fleshy, of entirely different texture and color from the subiculum. When soaked the contrast is marked. The hymenium is composed of irregular, short, often branched spines, on the order of an *Irpex*. Dried they resemble amber to the eye. I do not make out basidia nor spores, but the fungus is so resinous or oily that the numerous globules in the usual mounts obscure examination. From the spines it must be classed in *Hydnaceae*, but I do not believe it has much relation to anything in Europe."

Specimen: 55163 (*Type*), L. Rodway, 1461, Tasmania.

GLOEORADULUM

GLOEORADULUM Lloyd (as McGinty) Myc. Writ. **5**: Rad.: 9, f. 978, May 1917 (as *Gleoradulum*). A McGinty genus suggested for *Radulum* species with colored gloecystidia. Type, *G. hydnoideum* (Schw.) Lloyd.

GLOEORADULUM HYDNOIDEUM (Schw.) Lloyd (as McGinty).

See *Radulum hydnoideum* (Schw.) Lloyd.

GRAMMOTHELE

GRAMMOTHELE CROCICREAS (Ces.) Lloyd Myc. Writ. **7**: 1232, pl. 261 (f. 2582, 2583), Sept. 1923.

Merulius crocicreas Ces. Atti Acc. Sci. Napoli **8**: no. 3: 9, 1879.

Specimens: None in the Lloyd Collection.

GRAMMOTHELE CROCISTROMA Lloyd Myc. Writ. **7**: 1243, pl. 269 (f. 2646), Jan. 1924.

Specimen: 26970 (*Type*), E. Jacobson, 826, comm. C. van Overeem, Sumatra, Apr. 1922, on *Arenga* sp. Lloyd is of the opinion that this is probably identical with *G. crocicreas* (Ces.) Lloyd, and also *Hymenochaete crocicreas* B. & Br., although previously he considered them distinct species.

GRAMMOTHELE JAVENSIS (Berk. & Mont.) Lloyd.

See *Irpex javensis* (Berk. & Mont.) Lloyd.

GRANDINIA

GRANDINIA CERVINA Lloyd Myc. Writ. **7**: 1107, pl. 188 (f. 2032-2034), Feb. 1922.

Specimen: 23402 (*Type*), N. A. Nunez, Ecuador. Noted by Lloyd as possibly a Thelephoraceous fungus.

GRANDINIA SUDANS (A. & S.) Lloyd Myc. Writ. **5**: 741, f. 1110, 1111, Dec. 1917. *Hydnum sudans* A. & S. ex Fr. Syst. Myc. **1**: 425, 1821.

Thelebolus sudans Fr. Elench. Fung. **2**: 51, 1828.

Dacryobolus sudans Fr. Summa Veg. Scand. 404, 1849.

Specimens: 24410, 26884, C. G. Lloyd, Sweden, filed as *Grandinia*; 23563, H. Bourdot, France, as *Odontia*. Referred by Bourdot and Galzin, Hyménomycètes de France, p. 424, 1927, and by Miller, Mycologia **26**: 22, 1934, to *Odontia sudans* (A. & S.) Bres.

NEW FUNGUS NAMES

HETERORADULUM

HETERORADULUM Lloyd (as McGinty) Myc. Writ. **5**: Rad.: 10, f. 980, May 1917.

This genus was proposed by Lloyd for *Radulum kmetii* Bres., which he did not consider a species of *Radulum* nor *Eichleriella*. No specimens are filed under this name, although Lloyd maintains that it is a distinct genus.

HETERORADULUM KMETII (Bres.) Lloyd (as McGinty), l. c.

Radulum kmetii Bres. Atti Accad. Rovereto III, **3**: 102, 1897.

Specimens: 19109, "authentic," no data; 26200 and 26196, C. G. Lloyd, Upsala, Sweden, 1908, filed as *Radulum*.

HYDNOCHAETE

HYDNOCHAETE JAPONICA Lloyd Myc. Writ. **4**: L. 61: 7, Feb. 1916; 561, f. 768, March 1916. Sacc. Syll. Fungorum **23**: 476, 1925. Yasuda, Bot. Mag. Tokyo **30**: (124), 353, 1916; **31**: 46, 1917. Shirai & Hara List of Japanese Fungi Ed. **3**: 164, 1927.

Specimen: 26629 (*Type*), A. Yasuda, 349, Bonin Islands, Sept. 1915.

HYDNOCHAETE PHILIPPENSIS Lloyd Myc. Writ. **7**: 1154, pl. 217 (f. 2262), July 1922.

Specimen: 26630 (*Type*), G. M. Reyes, comm. H. A. Lee, Bur. Sci. 40057, Basilan, Phil. Islands, June 1921.

HYDNOCHAETE SETOSA (Swartz) Lloyd Myc. Writ. **4**: 559, f. 766, March 1916. *Thelephora setosa* Swartz in Berk. Ann. Mag. Nat. Hist. **10**: 381, pl. 11, f. 10, 1842.

Leptochaete setosa (Berk.) Lloyd (as McGinty) Myc. Writ. **4**: 560, March 1916.

Specimens: 29714, "authentic," Cuba; 29705, C. Wright, 420, Cuba, both filed as *Hymenochaete aspera*. This is *Hymenochaete aspera* B. & C., according to Burt Ann. Mo. Bot. Gard. **5**: 311-312, 1918.

HYDNUM

HYDNUM ADPRESSUM Lloyd Myc. Writ. **4**: 552, f. 757, Feb. 1916.

Specimens: 16967 (*Type*), R. P. Burke, Montgomery, Alabama; 16735, F. L. Stevens, 6907, West Raleigh, North Carolina.

HYDNUM AFFINE Lloyd in herb.

Listed in a report to the collector, Myc. Writ. **7**: 1296, June 1924. The following unpublished comments by Lloyd are filed with the specimen: "From size, shape, texture and color we would probably have referred this to *Hydnum ferrugineum* of Europe. The dried plant closely resembles it, but the upper surface has a cuticular appearance, and judging from the photograph that Prof. Masui sends, it seems to have a thin, pale cuticle. The spores are subglobose, tuberculate, and pale in color. When dried it could easily be confused with *Hydnum ferrugineum*; however, we judge that when fresh it is different."

Specimen: 16729 (*Type*), K. Masui, 49, Kyoto, Japan.

NEW FUNGUS NAMES

HYDNUM AUSTRALE Lloyd Myc. Writ. **5**: L. 69: 11, April 1919.

Specimens: 26219 (*Type*), G. L. Fisher, 20, Houston, Texas, November 1918; 26563, H. C. Beardslee, 19242, New Smyrna, Florida. Regarded by Lloyd as a southern form of *H. pulcherrimum*.

HYDNUM CUNEATUM Lloyd in herb.

Named in a list of specimens received, Myc. Writ. **7**: 1345, March 1925, and described in an unpublished note: "Pileus spathulate, tapering to a short rooting stem; color black when dried; surface dark, uneven; context tough, fleshy, black; spines short, dark; spores globose, hyaline, warty, 4-5 μ . A species apparently growing in the ground and not represented even as to section in Europe. It is close to *Hydnum spathulatum* from Java (Myc. Writ. **6**: 878, f. 1501), but is a smaller, blacker, thicker plant. Two specimens were sent, one erect, the other recurved (auriscalpium form). With the Javanese plant it constitutes a section for which the jugglers have not yet invented a name."

Specimen: 22793 (*Type*), A. Yasuda, 703, Sendai, Japan, July 1923.

HYDNUM DECEPTIVUM Lloyd Myc. Writ. **7**: 1170, pl. 225 (f. 2309, 2310), Jan. 1923.

Specimen: 4858 (*Type*), P. W. Graff, Bur. Sci. 15932, Mt. Maquiling, Phil. Islands, Feb. 1915.

HYDNUM DURIUSCULUM Lloyd Myc. Writ. **6**: 1002, pl. 166 (f. 1828), Sept. 1920. Chipp Gard. Bull. Sts. Settle. **2**: 348, 1921.

Specimens: 4923 (*Type*), E. M. Burkill, 88, Singapore, Brit. Malaya, Sept. 1913, and 4865, E. M. Burkill, 345, Singapore, June 1914, at base of living *Hevea brasiliensis*, both comm. T. F. Chipp.

HYDNUM FERREUM Lloyd Myc. Writ. **6**: 1003, pl. 166 (f. 1830), Sept. 1920 (as *ferreus*). Chipp, Gard. Bull. Sts. Settle. **2**: 348, 1921.

Specimen: 4922 (*Type*), E. M. Burkill, 183, comm. T. F. Chipp, Singapore, Brit. Malaya, Oct. 1913.

HYDNUM FLAVIDUM Lloyd Myc. Writ. **6**: 957, May 1920. Chipp Gard. Bull. Sts. Settle. **2**: 348, 1921.

Specimen: 4850 (*Type*), M. Noor, comm. T. F. Chipp, 5109, Singapore, Straits Settlements, Dec. 1919. Not *Hydnum flavidum* Schaeff. Fung. Bavar. Ed. 3, **4**: 99, pl. 318, 1780.

HYDNUM HOLTUMII Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2541), Sept. 1923; 1289, June 1924.

Specimen: 22788 (*Type*), R. E. Holttum, 9647, Negri Sembilan, Brit. Malaya, Nov. 1922.

HYDNUM LINGUA Torrend in Lloyd Myc. Writ. **7**: 1348, March 1925.

Specimen: 26556, C. Torrend, Bahia, Brasil.

HYDNUM LONGOSPINOSEUM Lloyd Myc. Writ. **7**: 1186, July 1923, in list of specimens. van der Bijl So. Afr. Jour. Sci. **22**: 194, 1927; **25**: 185, 1928; Ann. Univ. Stellenbosch **12-A**, no. 1: 7, f. 9-10, 1934.

NEW FUNGUS NAMES

Specimens: None in the Lloyd Collection. Lloyd published no description of this species, and no specimen or notes have been found in his collections, but van der Bijl has described it in the So. Afr. Jour. Sci. **25**: 185, 1928.

HYDNUM MALIENSE Lloyd Myc. Writ. **6**: 1002 (as *H. maliensis*), pl. 166, (f. 1829), Sept. 1902 (as *maliense*); **7**: 1133, Feb. 1922. Chipp Gard. Bull. Sts. Settle. **2**: 348, 1921.

Specimens: 4921 (*Type*), M. Noor, comm. T. F. Chipp, 5096; and 4920, T. F. Chipp, 5478 (doubtful determination), both from Singapore, Brit. Malaya, Dec. 1919.

HYDNUM MUSCOIDES Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2540), Sept. 1923.

Specimen: 24145 (*Type*), part of specimen from Cesati Herbarium labeled *Hydnum papyraceum* Ces. ined., Como, Italy, 1862.

HYDNUM PETALOIDES Lloyd Myc. Writ. **4**: L. 48: 9, f. 568, Nov. 1913. Sacc. Syll. Fungorum **23**: 474, 1925.

Specimen: 4924 (*Type*), H. de la Bathie, 1306, Madagascar, Africa.

HYDNUM PLEUROPODIUM Lloyd Myc. Writ. **7**: 1360, pl. 340 (f. 3230), July 1925.

Specimen: 16728 (*Type*), R. E. Holttum, 10887, Johore, Brit. Malaya, June 1923. Suggested as the basis for a new genus.

HYDNUM PLICATUM Lloyd Myc. Writ. **7**: 1360, pl. 340 (f. 3227), July 1923.

Specimen: 22796 (*Type*), L. Rodway, Hobart, Tasmania, May 1924.

HYDNUM PULCHRUM Lloyd Myc. Writ. **6**: 918, pl. 144 (f. 1641), Jan. 1920 (as *pulcher*). van der Bijl Ann. Univ. Stellenbosch **12-A**: 7, 1934.

Specimen: 26569 (*Type*), P. van der Bijl, 881, U. So. Africa.

HYDNUM SANCHEZII Lloyd Myc. Writ. **7**: 1276, pl. 289 (f. 2829), June 1924.

Specimen: 26570 (*Type*), Sanchez, Bur. Sci. 23, Manila, Phil. Islands, Oct. 1922.

HYDNUM SERIATUM Lloyd Myc. Writ. **7**: 1196, pl. 242. (f. 2438), July 1923.

Specimen: 4876 (*Type*), M. Ramos, 2059, comm. H. A. Lee, Brit. No. Borneo, Sept.-Dec. 1920.

HYDNUM SINGAPORENSE Lloyd Myc. Writ. **7**: 1107, pl. 188 (f. 2035), Feb. 1922 (as *singaporensis*).

Specimen: 4864 (*Type*), T. F. Chipp, 5836, Botanic Gardens, Singapore, Brit. Malaya, July 1920.

HYDNUM SUBZONATUM (Pk.) Lloyd Myc. Writ. **7**: 1339, pl. 325 (f. 3115), March 1925.

Hydnum graveolens Delast. var. *subzonatum* Pk. N. Y. State Mus. Bull. **75**: 24, 1904.

Specimens: 22764, A. Hibbard, New Hampshire; 26799, J. M. Grant, Washington; 22778, J. Wilson, Australia.

NEW FUNGUS NAMES

HYDNUM TENUE Lloyd in herb.

This name was used in Lloyd's report to the collector, Myc. Writ. **7**: 1162, July 1922, but no description was published, owing to lack of sufficient material: "We shall so label this, but not publish until it comes in more abundantly. It belongs in the same section as *Hydnum ochraceum*, but has not the coloration. It has abundant, hyaline, smooth, thin-walled cystidia, like those of *Irpex flavus*, but here also the color forbids."

Specimen: 4862 (*Type*), T. A. Tengwall, 14, Madioen, Java.

HYDNUM TINCTORIUM (E. & E.) Lloyd Myc. Writ. 1:2, Nov. 1898. Sacc. Syll. Fungorum **16**: 176, 1902. v. Höhnelt Sitz. Akad. Wiss. Wien math.-naturw. Kl. **119**, abt. 1: 881, 1910.

Fomes tinctorius E. & E. Bull. Torr. Bot. Club. **22**: 362, 1895.

Echinodontium tinctorium E. & E. Bull. Torr. Bot. Club **27**: 49, 1900.

Specimens: 26206, 26544, 26546, C. V. Piper, Washington; 50047, C. V. Piper, Idaho; 26515, S. M. Zeller, Oregon; 26545, I. M. Johnston, Colorado, all filed as *Echinodontium*.

HYDNUM URSINUM Lloyd in herb.

No description was published in Lloyd's Mycological Writings. Overholts in Seaver and Chardon, Sci. Survey of Porto Rico **8**: 156, 1916. Lloyd's notes with the specimen are as follows: "Small, 1-2 cm., sessile, growing on wood; color dark brown; surface with coarse brown hairs; context (when soaked) brown, fleshy-gelatinous; teeth regularly awn-shaped, brown when dried; cystidia none; spores globose, hyaline, smooth. This belongs to the genus *Steccherinum*, *Gloiodon*, *Climacodon*, *Sclerodon*, *Leptodon*, of various juggles. You can take your choice, but it is best called *Hydnum*. There is a close general resemblance to the eye, both in color and strigose surface and shape to *Lentinus ursinus*."

Specimen: 4868 (*Type*), B. Fink, 2182, Puerto Rico, Jan. 1916.

HYDNUM VILLIPES Lloyd Myc. Writ. **5**: 801, f. 1243, Oct. 1918. Sacc. Syll. Fungorum **23**: 466, 1925.

Specimens: 4930 and 4931 (*Type*), J. Rick, 123 and 31, Brasil. Both specimens are apparently type material, and used for illustrations.

HYDNUM WELLINGTONII Lloyd Myc. Writ. **7**: 1200, pl. 247 (f. 2468-2469), July 1923.

Specimen: 27122 (*Type*), E. H. Atkinson, 628, comm. G. H. Cunningham, York Bay, Wellington, New Zealand. Lloyd does not consider this a typical *Hydnum* and suggests that it might be placed in a new genus.

INONOTUS

INONOTUS BANKERI Lloyd (as McGinty) Myc. Writ. **3**: 475, March 1910.

Hydnum strigosum in the Schweinitz herbarium, not *H. strigosum* Swartz Acta Holm. 1810: 250, 1810.

Steccherinum strigosum (Swartz) Banker Mem. Torr. Bot. Club **12**: 128, 1906.

NEW FUNGUS NAMES

Specimen: 27123, part of specimen from herbarium of Schweinitz, filed as *Hydnum strigosum*.

IRPEX

IRPEX CASTANEUS Lloyd Myc. Writ. **6**: 1060, pl. 182 (f. 1989), May 1921.

Specimens: 23156 (*Type*), 23155, *A. Yasuda*, 642, Sendai, Japan, Oct. 1920; 23154, *K. Masui*, Kyoto, Japan. *Yasuda* suggests that this species is the same as *Merulius castaneus* and Lloyd concurs.

IRPEX CINGULATUS Lloyd Myc. Writ. **5**: 795, f. 1197, Aug. 1918 (as *cingulatum*).

Specimen: 24154 (*Type*), *J. B. Cleland*, 355, Sydney, N. So. Wales.

IRPEX CRASSITATUS Lloyd Myc. Writ. **6**: 909, pl. 141 (f. 1611), Jan. 1920.

Specimen: 24166 (*Type*), *O. M. Oleson*, 690, Ft. Dodge, Iowa.

IRPEX ELONGATUS Lloyd Myc. Writ. **7**: 1231, pl. 260 (f. 2576), Sept. 1923.

Specimen: Not represented in the Lloyd herbarium. Based on a specimen in Saccardo's herbarium labelled *Irpex formosus*. "Surely it is only a hymenial form of *Polystictus elongatus* Berk."

IRPEX JAVENSIS (Berk. & Mont.) Lloyd Myc. Writ. **7**: 1338, pl. 324 (f. 3106, 3107), March 1925.

Hymenogramme javensis Berk. & Mont. London Journ. Bot. **3**: 330, 1844.

Grammothete javensis (Berk. & Mont.) Lloyd Myc. Writ. **7**: 1232, pl. 261 (f. 2580, 2581), Sept. 1923; **7**: 1243, pl. 269 (f. 2648), Jan. 1924.

Specimens: 16904, *H. S. Yates*, Bur. Sci. 25118, Laguna, Luzon, Phil. Islands, Oct. 1915; 23153, *C. van Overeem*, Java; 26956, *R. E. Holttum*, 9465, Johore, Brit. Malaya, Nov. 1922.

IRPEX LAMELLIFORMIS Lloyd Myc. Writ. **5**: 715, f. 1073, Oct. 1917; **7**: 1358, pl. 337 (f. 3206), July 1925.

Specimens: 9652 (*Type*), *J. Umemura*, 187, Nagoya, Japan, Nov. 1916; 9647-9651, 9653, 9654, 9656, *A. Yasuda*, *T. Hemmi*, and *K. Miyabe*, Japan; 9655, *H. H. Hu*, China. "In reality only a hymenial form of *Polystictus abietinus*." Trotter (Sacc. Syll. Fungorum **23**: 478, 1925) credits the species to Umemura, the collector.

IRPEX MIYABEI Lloyd Myc. Writ. **7**: 1175, pl. 228 (f. 2336), Jan. 1923.

Specimen: 9661 (*Type*), *K. Miyabe*, 831, Karube, Japan, 1912, on *Acer pictum*.

IRPEX OCHROSIMILIS Lloyd Myc. Writ. **7**: 1273, pl. 286 (f. 2803), June 1924.

Specimen: 24118 (*Type*), *James Mitchell*, Christchurch, New Zealand. The published note credits the specimen to James Wilson, but the original label carries the name as *J. Mitchell*.

IRPEX OWENSII Lloyd Myc. Writ. **5**: 616, f. 873, Dec. 1916. Sacc. Syll. Fungorum **23**: 478, 1925.

Radulum owensii Lloyd Myc. Writ. **5**: Rad. 10, 12, f. 979, May 1917; **6**: 1059, pl. 182 (f. 1984), May 1921.

NEW FUNGUS NAMES

Specimens: 4842 (*Type*), 22775, 24168, *C. E. Owens*, 2028, 2174, 2154, Corvallis, Oregon, on *Quercus garryana*; 22776, 24172, 24182, *J. M. Grant*, 213a, 96, 1519, Washington; 26211, *S. M. Zeller*, 1932, Corvallis, Oregon, April 1920. The third, fifth and sixth specimens cited above were filed by Lloyd as *Irpex*, the others as *Radulum*.

IRPEX PALLIDUS Lloyd Myc. Writ. **6**: 954, May 1920.

Specimen: 24180 (*Type*), *L. J. K. Brace*, Bahamas.

IRPEX RICKII Lloyd Myc. Writ. **7**: 1358, pl. 338 (f. 3211), July 1925.

Specimen: Based on a specimen from *J. Rick*, Brasil, which can not be located. "An irpicoid form of *Daedalea sprucei* Berk."

IRPEX SAEPIARIUS Lloyd Myc. Writ. **5**: 682, f. 1019, June 1917 (as *saepiaria*).

Sacc. Syll. Fungorum **23**: 478, 1925.

Specimen: 24124 (*Type*), *J. B. Cleland*, 199, Sydney, N. So. Wales.

IRPEX UNICOLOR Lloyd Myc. Writ. **6**: 921, pl. 145 (f. 1649, 1650), Jan. 1920.

Specimens: 24169 (*Type*), *T. Hemmi*, Sapporo, Hokkaido, Japan, Sept. 1919; 24126, *A. Yasuda*, 629, Sendai, Japan; 24127, *Ralph M. Nelson*, Minnesota. Lloyd states, "The *Irpex* form of *Daedalea unicolor*, called *Phyllodontia magnusii* by Karsten, and *D. unicolor* var. *hydnoidea* by Hennings."

IRPEX VERSATILIS Lloyd Myc. Writ. **5**: 712, f. 1068, Oct. 1917; **5**: 791, Aug. 1918. Sacc. Syll. Fungorum **23**: 477, 1925.

Specimens: 24132 (*Type*), *P. F. Clarke*, Gladesville, Australia. "It is perhaps a better *Radulum* or it might be called *Daedalea*." Later (loc. cit.) Lloyd states, "It is evidently only an indurated, irpicoid form of the same plant (*Polystictus anomalous* Lloyd)."

LEPTOCHAETE

LEPTOCHAETE SETOSA (Swartz) Lloyd (as McGinty).

See *Hydnochaete setosa* (Swartz) Lloyd.

MARTELLA

MARTELLA ALPESTRE (Pers.) Lloyd (as McGinty) Myc. Writ. **3**: 457, Feb. 1910.

Hericium alpestre Pers. Myc. Eur. **2**: 151, 1825.

Specimen: 16734, *Carestia*, Italy, from Rome.

MARTELLA HYSTRIX (Pers.) Lloyd Myc. Writ. **3**: 457, Feb. 1910.

Hericium hystrix Pers. Comm. Fung. Clav. 159, 1797.

Specimens: Not represented in the Lloyd Collection.

MARTELLA NOTARISHI (Inz.) Lloyd Myc. Writ. **3**: 457, Feb. 1910.

Hydnum notarishii Inzenga Funghi Sicil. Cent. **1**: 5, pl. 1, f. 1, 1869.

Specimens: None in the Lloyd Collection.

MUCRONELLA

MUCRONELLA ALBA Lloyd Myc. Writ. **6**: 880, pl. 125 (f. 1509), Oct. 1919.

Specimen: 26628 (*Type*), *J. M. Grant*, 2017, Montesano, Washington.

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MUCRONELLA RAMOSA Lloyd Myc. Writ. **7**: 1107, pl. 189 (f. 2036), Feb. 1922.
Specimen: 26640 (*Type*), R. P. Burke, 652, Alabama, Dec. 1921.

MUCRONELLA TENUIPES Lloyd Myc. Writ. **5**: 789, f. 1186, 1187, Aug. 1918.
Specimen: 26654 (*Type*), J. Gossweiler, 88, Angola, Portuguese W. Africa, March 1917.

ODONTIA

ODONTIA CROCEA (Schw.) Lloyd Myc. Writ. **4**: L. 53: 11, Nov. 1914.
Sistotrema croceum Schw. Syn. Fung. Car. 76, 1822.

Specimens: 16856, 27078, 27079, 27090, 29186. C. G. Lloyd, Ohio and Kentucky; 27082, L. O. Overholts, Ohio; 27991 and 27092, F. S. Earle and C. F. Baker, Alabama; 29105, C. H. Kauffman, Michigan. Referred by Miller, Mycologia **25**: 364, 1933, to *Oxydontia fragilissima* (B. & C.) Miller. "Lloyd applies Schweinitz's specific name *croceum* to this species merely on the basis of the meager original description. It seems strange that he should come to this conclusion after making an earlier comment (L. 42: 4, 1912) 'There is nothing in Schweinitz's short description to give any clue even to its identity.'"

PHAEOHYDNOCHAETE

PHAEOHYDNOCHAETE Lloyd (as McGinty) Myc. Writ. **4**: L. 61: 7, Feb. 1916;
4: 561, March 1916 (as *Pheahydnochaete*). A genus proposed for *Hydnochaete* with colored, verrucose spores. Type, *P. ferruginea* (Rick) Lloyd.

PHAEOHYDNOCHAETE FERRUGINEA (Rick) Lloyd l. c.
Hydnochaete ferruginea Rick Ann. Myc. **3**: 235, 1905.

Specimens: 42644, 26264, J. Rick, Brasil, filed as *Hydnochaete*.

PHLEBIA

PHLEBIA CASTANEA Lloyd Myc. Writ. **7**: 1108, pl. 189 (f. 2039), Feb. 1922.
Specimens: 32786 (*Type*). 32778, L. Rodway, 1074, 992, Tasmania; 32787, E. J. Semmens, 14, Victoria, Australia. "I am in doubt whether to classify this as *Phlebia*, *Radulum* or *Merulius*, and it is not exactly either."

PHLEBIA MERULOIDES Lloyd Myc. Writ. **4**: 537, f. 738, 739, Dec. 1915. Sacc.
Syll. Fungorum **23**: 480, 1925.

Specimen: 32765 (*Type*), C. G. Lloyd, Eglen, West Virginia, Sept. 1915.

PHLEBIA STRIGOSO-ZONATA (Schw.) Lloyd.
See *Auricula reflexa* (Berk.) Lloyd.

PSEUDOHYDNUM

PSEUDOHYDNUM THELEPHOREUM (Lév.) Lloyd (as McGinty) Myc. Writ. **5**: 859,
f. 1440, June 1919 (as *thelephorum*).

Hydnum thelephorum Lév. Ann. Sci. Nat. III, **2**: 204, 1844.

Thelephora padinaeformis Mont. Ann. Sci. Nat. IV, **1**: 138, 1854.

Phlebia tremelloides (Schw.) B. & C. Jour. Acad. Phil. II, **2**: 278, 1853.

Pseudohydnum guelpinoides Rick Ann. Myc. **2**: 409, 1904.

NEW FUNGUS NAMES

Specimens: 32895, authentic specimen of Lévêillé species, filed as *Hydnum*; 32843, 32844, 32908, 33580, *J. Rick*, Brasil, as *Pseudohydnum guepinoides*. The latter is the specific name preferred by Lloyd and used in a later reference to the species, *Myc. Writ.* **7**: 1159, July 1922.

PSEUDOHYDNUM TRANSLUCENS Lloyd *Myc. Writ.* **7**: 1357, pl. 337 (f. 3203), July 1925.

Specimen: 34250 (*Type*), *J. E. A. Lewis*, Kobe, Japan, labeled *P. transparens*.

RADULUM

RADULUM BALLOU (Banker) Lloyd *Myc. Writ.* **3**: L. 29: 1, 1910 (?); **4**: 561, f. 769, March 1916; **5**: Rad. 1, May 1917.

Steccherinum ballouii Banker *Bull. Torr. Bot. Club* **36**: 341, pl. 34, 1909.

Specimen: 26215, *W. H. Ballou*, New York.

RADULUM CASEARIUM (Morgan) Lloyd *Myc. Writ.* **5**: Rad. 8, f. 977, May 1917. *Hydnum casearium* Morgan *Jour. Cincinnati Soc. Nat. Hist.* **10**: 11, 1887.

Specimens: 16737 (*Type*), from *A. P. Morgan*, Cincinnati, Ohio, on hickory; 16738 and 16872, *C. G. Lloyd*, Temagami, Ontario, Aug. 1907; 4824 and 4825, *L. O. Overholts*, 4637 and 5132, New Hampshire, on *Populus*.

RADULUM CUNEATUM Lloyd *Myc. Writ.* **5**: L. 62: 7, June 1916; Rad. 2, f. 961, and 11, f. 984, May 1917. *Sacc. Syll. Fungorum* **23**: 480, 1925.

Specimens: 26212 (*Type*), *J. M. Grant*, 910, Sequim, Washington; 26209, *H. C. Gilbert*, 22, Corvallis, Oregon. Later referred to *Merulius*, *Myc. Writ.* **5**: Rad. 12, f. 984, May 1917.

RADULUM HYDNOIDEUM (Schw.) Lloyd *Myc. Writ.* **5**: Rad. 9, f. 978, May 1917. *Phlebia hydnoidea* Schw. *Trans. Am. Phil. Soc.* **II**, **4**: 165, 1834.

Odontia lateritia B. & C. Grev. **1**: 147, 1873.

Odontia hydnoidea (Schw.) *Pk. Bull. N. Y. State Mus.* **67**: 39, 1903.

Gleoradulum hydnoideum (Schw.) Lloyd (as McGinty) *Myc. Writ.* **5**: Rad. 9, May 1917 (as *Gleoradulum*).

Specimens: 4845, *A. P. Morgan*, Cincinnati, Ohio; 24454, *C. G. Lloyd*, Eglon, West Virginia, Sept. 1902.

RADULUM JAVANICUM (Henn. & E. Nym.) Lloyd *Myc. Writ.* **4**: L. 59: 4, Oct. 1915; **5**: Rad. 3, 11, 12, May 1917.

Lopharia javanica Henn. & E. Nym. *Monsunia* **1**: 144, 1899.

Specimens: 24456 (part of *Type*), Java; 24449, *K. Miyabe*, 679, and 24459, *A. Yasuda*, 79, Japan; 24457, 24458, *P. van der Bijl*, 714 and 693, U. So. Africa. Considered a form of *R. mirabile* by Lloyd.

RADULUM LIRELLOSUM (Kalchbr. & Macowan) Lloyd *Myc. Writ.* **4**: L. 53: 9, Nov. 1914; L. 59: 4, Oct. 1915; **5**: Rad. 3, 11, 12, May 1917.

Lopharia lirellosa Kalchbr. & Macowan *Grev.* **10**: 58, 1881.

Specimens: 24453, 24461, 24462, *A. V. Duthie*, 24460, collector unknown, all from So. Africa. This is one of the synonyms of *R. mirabile* according to Lloyd.

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RADULUM MOLARIFORME (Pers.) Lloyd sec. Yasuda, Bot. Mag. Tokyo **31**: 46, 1917. Shirai and Hara List of Japanese Fungi ed. 3: 339, 1927. Lloyd's use of the combination is antedated by that of Oudemans: *Radulum molariforme* (Pers.) Oud. Neder. Kr. Arch. III, **2**: 340, 1901.

RADULUM OWENSII Lloyd.
See *Irpex owensii* Lloyd.

POLYPORACEAE

AMAURODERMA

Lloyd recognized this genus (as *Amaurodermus*) only as a section of *Polyporus*.

AMAURODERMA EXILE (Berk.) Lloyd.
See *Polystictus exilis* (Berk.) Lloyd.

AMAURODERMA LONGIPES (Lév.) Lloyd ex Wakefield Kew Bull. **1934**: 243, 1934. *Polyporus longipes* Lév. Ann. Sc. Nat. III, **5**: 124, 1846.

Ganoderma longipes (Lév.) Pat. Bull. Soc. Myc. Fr. **5**: 75, 1889.

Specimen: 27104, J. Gossweiler, 256, Angola, Portugese W. Africa. Lloyd in his several references to this species uses the original name *P. longipes* Lév.

AMAURODERMA OCELLATUM (Berk.) Lloyd ex Wakefield Kew Bull. **1934**: 243, 1934.

Polyporus ocellatus Berk. Hook. Journ. Bot. **8**: 172, 1856.

Specimens: Not represented in the Lloyd herbarium.

AMAURODERMA SCHOMBURCKII (Mont. & Berk.) Lloyd ex Wakefield Kew Bull. **1934**: 243, 1934.

Polyporus schomburgkii Mont. & Berk. Dec. II, no. 12; Fr. Nov. Symb. 44, 1851.

Ganoderma schomburgkii (Mont. & Berk.) Pat. Bull. Soc. Myc. Fr. **5**: 77, 1889.

Specimen: 23588, no further data available.

AMAURODERMA VARIABILE (Berk.) Lloyd ex Wakefield Kew Bull. **1934**: 243, 1934.

Polyporus variabilis Berk. in Hook. Journ. Bot. **9**: 193, 1856.

Ganoderma variabile (Berk.) Pat. Bull. Soc. Myc. Fr. **5**: 76, 1889.

Specimens: 15185, 22860, 27137, J. Rick, Brasil. Considered by Lloyd (Myc. Writ. **3**: Stip. III, 189, f. 405, March 1912; **7**: 1316, pl. 311 (f. 3026), Oct. 1924) as *Polyporus* and the specimens so filed.

CYANOSPORUS

CYANOSPORUS Lloyd (as McGinty) Myc. Writ. **3**: 436, Aug. 1909.

Based on *Polyporus caesius* (Schraeder) Fr. and "characterized by the blue spores in mass." Lloyd did not take this proposed new genus seriously, since he did not recognize it in naming specimens of *P. caesius* in his herbarium. Lloyd's name is mentioned by Saccardo (Syll. Fungorum **21**: 282, 1912), but apparently not accepted.

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CYCLOMYCES

CYCLOMYCES ALBIDA Lloyd Myc. Writ. **6**: 1007, pl. 170 (f. 1854), Sept. 1920.

Specimen: 17594 (*Type*), Ramos and Edaña, Bur. Sci. 36448, Malangas, Mindanao, Phil. Islands, Oct.-Nov. 1919. "A cyclomycoid form of *Hexagona albida* Berk."

CYCLOMYCES ISABELLINA Lloyd Myc. Writ. **7**: 1270, pl. 282 (f. 2776), June 1924.

Specimen: 17595 (*Type*), G. M. Reyes, Bur. Sci. 42118, Antipolo, Rizal Prov., Phil. Islands, March 1923.

DAEDALEA

DAEDALEA BOSEII Lloyd Myc. Writ. **7**: 1109, pl. 189 (f. 2047), Feb. 1922. Butler and Bisby Fungi of India, p. 91, 1931.

Specimen: 9952 (*Type*), A. C. Khan, 26, (comm. S. R. Bose), Calcutta, India, Dec. 1920.

DAEDALEA FUSCO-SPORA Lloyd in herb.

"This is an exceptional plant difficult to enter as to genus. As we recall the large pored species with colored spores, only *Daedalea sprucei* of South America occurs to us. This African plant is not a good *Daedalea*, rather the type of a *Hexagona*, or large pored *Trametes*. The sinuate pores, however, place it in *Daedalea*, or rather *Phaeodaedalea* as McGinty calls the colored spored *Daedaleas*. Sessile, flat, about a cm. thick. Surface with a dark, thin, but distinct crust, glabrous, but uneven. Context and pore tissue about Brussel's brown. Pores large, irregular, sinuate, but probably better classed as an irregular *Hexagona* than as *Daedalea*. Setae none. Spores globose, 6-7 μ , colored, smooth. We would place this in section 150 of *Daedalea*, though as previously stated, it is not satisfactory to class it in any established section."

Specimen: 55722 (*Type*), P. van der Bijl, 490, Victoria Falls, Rhodesia. The name was used by Lloyd in reporting determinations to van der Bijl (Myc. Writ. **7**: 1122, Feb. 1922) and the above description filed with the specimen, but not published. Re-published with new description by van der Bijl (So. African Journ. Sci. **21**: 308, Nov. 1924) as *Daedalea fuscospora* Lloyd.

DAEDALEA FUSCO-STRATOSA Lloyd Myc. Writ. **7**: 1270, pl. 283 (f. 2777), June 1924.

Specimen: 55386 (*Type*), C. Torrend, Brasil.

DAEDALEA GLABRA Lloyd Myc. Writ. **7**: 1270, pl. 282 (f. 2773), June 1924.

Specimens: 27489 (*Type*), 38511, Fr. Sanchez, Phil. Islands, 1922.

DAEDALEA MACULATA Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2264), July 1922.

Specimens: 38534 (*Type*), E. Fenix, Bur. Sci. 30121, Mt. San Isidro, Labrador, Luzon, Phil. Islands, Nov. 1917; 38533, H. S. Yates, Bur. Sci. 36067, Isabela, Basilan Is., Phil. Islands, 1919. Lloyd notes (Myc. Writ. **7**: 1274, June 1924) that this species "is practically the same as *Daedalea stereoides* Fr." In his

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unpublished manuscript on *Philippine Polypores* and in labelling the specimens he uses the name *D. maculosa* rather than *D. maculata* as published.

DAEDALEA MOLLICULA Lloyd Myc. Writ. **7**: 1146, pl. 209 (f. 2201), July 1922.

Specimen: 54577 (*Type*), M. Ishida, comm. K. Miyabe, 460. Bonin Islands, Aug. 1912.

DAEDALEA REFLEXA Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2268), July 1922.

Specimens: 53557 (*Type*), 53556, H. S. Yates, Bur. Sci. 25758, 25795, Mt. Cadig, Luzon, Phil. Islands; 53555, P. W. Graff, Bur. Sci. 21051, Phil. Islands; 38532, H. S. Yates, Bur. Sci. 36221, Isabela, Basilan Island, Phil. Islands.

DAEDALEA RIDLEYI Lloyd Myc. Writ. **6**: 930, pl. 148 (f. 1689), Jan. 1920. Chipp Garden Bull. Sts. Settle. **2**: 370, 1921.

Specimen: 55728 (*Type*), H. N. Ridley, 4920, Singapore, Sts. Settlements, Aug. 1900.

DAEDALEA ROSEOLA Lloyd Myc. Writ. **7**: 1145, pl. 208 (f. 2190), July 1922.

Specimen: 55727 (*Type*), M. Ramos, 2172, Brit. No. Borneo, Sept.-Dec 1920. "A daedaloid form of *Trametes roseola*."

DAEDALEA SINENSIS Lloyd Myc. Writ. **7**: 1112, pl. 193 (f. 2074), Feb. 1922.

Specimen: 55716 (*Type*), H. H. Hu, 48, China. Redescribed by Ling Contr. Biol. Lab. Sci. Soc. China, Bot. Ser. **8**: 187, 1932.

DAEDALEA STRATOSA Lloyd Myc. Writ. **7**: 1147, pl. 210 (f. 2209), July 1922.

Specimen: 53427 (*Type*), J. Rick, Brasil. Lloyd commented: "A *Trametes* from the general nature" and filed the specimen under the latter genus.

DAEDALEA SUBCORIACEA (Murr.) Lloyd Myc. Writ. **5**: L. 63: 13, Nov. 1916.

Cerrenella subcoriacea Murr. N. Am. Flora **9**: 74, 1908.

Irpex subcoriaceus (Murr.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 377, 1912.

Specimens: None in Lloyd collections.

DAEDALEA UMBRINA Lloyd Myc. Writ. **4**: L. 53: 10, Nov. 1914.

Specimen: 55717 (*Type*), G. Peckolt, Brasil. "Dark tropical form of *D. quercina*."

DAEDALEA UNGULATA Lloyd Myc. Writ. **4**: L. 60: 15, Dec. 1915; **4**: 550, f. 753, Feb. 1916. Yasuda Bot. Mag. Tokyo **31**: 61, 1917.

Specimens: 13592 (*Type*), J. E. A. Lewis, Japan; 54573, A. Yasuda, 399, Prov. Iyo, Japan, 1916. See also *Trametes unguata*.

FAVOLUS

FAVOLUS AFRICANUS Lloyd Myc. Writ. **7**: 1194, pl. 239 (f. 2415), July 1923.

Specimen: 55829 (*Type*), W. Small, Uganda, Africa. A specimen from Zenker (Africa) referred to in the above descriptive note is not in the Lloyd Collection. "Close if not the same as *F. princeps*."

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FAVOLUS ALBUS Lloyd in herb.

"Pileus fleshy, white with a short, lateral stipe. Surface even (not tessellate), smooth. Pores large, deep, flaccid. Cystidia none. Spores not found. This is a white species close to *F. brasiliensis* Fr., but with much larger, deeper and more flaccid pores."

Specimens: 54282 (*Type*), *H. S. Yates*, Bur. Sci. 25670, Basiad, Luzon, Phil. Islands, Dec. 1916; 54277, 54279, 54280, 54281. *O. A. Reinking* and assistants, 10235, 10360, 5682, 1029, Mt. Maquilang, Phil. Islands, 1919-20. The above description is taken from Lloyd's unpublished manuscript on *Philippine Polypores*. Lloyd attributed the species to Yates, the collector, but we do not find that the latter ever published the species.

FAVOLUS BENGALA Bose in Lloyd Myc. Writ. **7**: 1147, pl. 210 (f. 2206), July 1922; Bot. Gaz. **78**: 120-21, f. 3, 1924.

Specimens: 55813 (part of *Type*), 54257, *S. R. Bose*, Calcutta, India. This is in effect a new combination by Lloyd since Bose on his label of specimen 55813 as sent to the former uses the name *Polystictus bengala* n. sp., but adopts Lloyd's name in his 1924 publication.

FAVOLUS CAESPITOSUS Lloyd Myc. Writ. **5**: 821, f. 1372, March 1919.

Specimens: 54266 (*Type*), *Chas. H. Baker*, 532, Orlando, Florida, July 1918; 54265, *Chas. H. Baker*, 574, Florida, July 1919. "There is no objection to giving names to marked forms like this and it is convenient, for ordinarily one could hardly believe them to be the same, but they should not be called 'new species.'"

FAVOLUS DERMOPORUS (Pers.) Lloyd Myc. Writ. **4**: 554, f. 759, Feb. 1916; **5**: L. 67: 16, July 1918.

Polyporus dermatoporus Pers. in Gaud. Voy. Freyc. Bot.: 170, 1830.

Favolus dermatoporus Torrend in Lloyd Myc. Writ. **4**: 554, f. 759, Feb. 1916, as cited in Sacc. Syll. Fungorum **23**: 454, 1925.

Specimens: 19225, *P. van der Bijl*, U. So. Africa; 55817, *C. Torrend*, 870 bis, Bahia, Brasil; 55817-21, *H. S. Yates* and other collectors, Phil. Islands.

FAVOLUS DUSSII Lloyd Myc. Writ. **7**: 1194, pl. 239 (f. 2417), July 1923.

Specimen: 46014 (ex-*Type*). *Duss.* 13. Guadeloupe. The species is based on material found unnamed by Lloyd at the New York Botanical Garden.

FAVOLUS GLANDULOSUS Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2280), July 1922.

Specimens: 55630 (*Type*), *E. B. Copeland*, 1407, Philippine Islands; 17523, *E. D. Merrill*, Phil. Islands; 55361, *R. C. McGregor*, Bur. Sci. 32681, Panay, Phil. Islands; 21791, *M. Ramos*, 2049, Brit. No. Borneo, 1920.

FAVOLUS GRAMMOCEPHALUS Lloyd Myc. Writ. **7**: 1271, pl. 284 (f. 2785), June 1924.

Polyporus favoloides P. Henn. Engl. Bot. Jahrb. **23**: 546, 1897.

Specimen: 55830 (*Type*), *W. Greenwood*, Fiji, Nov. 1921.

FAVOLUS KAUFFMANII Lloyd Myc. Writ. **5**: 614, f. 869, Dec. 1916.

Specimen: 55824 (*Type*), C. H. Kauffman. Ann Arbor, Michigan. On the label Lloyd notes, "for me it is only a form of *F. europaeus*." See also *F. peponinus*.

FAVOLUS LAGUNAE Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2282), July 1922.

Specimen: 55001 (*Type*), A. Reyes, comm. O. A. Reinking, 11017, Los Baños, Phil. Islands, Oct. 1920. Lloyd has combined with the type, a second specimen from Reinking, 9944, collected by T. Ferrer, Los Baños, Nov. 1920.

FAVOLUS LEEUWENII Lloyd Myc. Writ. **6**: 1079, May 1921; **7**: 1194, pl. 239 (f. 2416), July 1923.

Specimen: 14989 (*Type*), W. Docteurs van Leeuwen, 4124, Verlaten Island, Dutch East Indies.

FAVOLUS LUTESCENS Lloyd Myc. Writ. **7**: 1272, pl. 285 (f. 2791), June 1924.

Specimen: 55812 (*Type*), O. A. Reinking, Tela, Honduras, March 1923.

FAVOLUS MOLLIS Lloyd Myc. Writ. **7**: 1330, pl. 316 (f. 3044), Oct. 1924. Teng Contr. Biol. Lab. Sci. Soc. China, Bot. Ser. **8**: 113, 1932.

Specimen: 54288 (*Type*), J. Rick, Brasil.

FAVOLUS NIGER Lloyd in herb.

"A black *Favolus* is surely a novelty, but this is not a true *Favolus*. The hymenium while favoloid has a tendency toward *Lentinus*, and a mesopodial *Favolus* is unusual. Pileus mesopodial with a glabrous black surface, but Rev. Mitchell states that in drying it has become much darker. Context white. Pores dark, probably in drying. The edges darker than the sides. Cystidia none. Spores straight, $4 \times 10 \mu$, hyaline, smooth. While we name this *Favolus* on the hymenium it would probably better be named *Lentinus*."

Specimen: 14988 (*Type*), James Mitchell, Christchurch, New Zealand. Lloyd used this name in reporting determinations to the Rev. Mitchell and filed the description with the specimen, but did not publish it.

FAVOLUS PARVIPORUS Lloyd Myc. Writ. **7**: 1146, pl. 209 (f. 2198, 2199), July 1922.

Specimens: 55828. L. Mille, Ecuador. This specimen, although referred to in Lloyd's note, is not the type. The species was based on a specimen from Nelson A. Nuñez, Ecuador, which cannot now be found.

FAVOLUS PEPONINUS (Berk.) Lloyd Myc. Writ. **5**: L. 66: 16, Oct. 1917.

Polyporus boucheanus Kl. var. *peponinus* Berk. Ann. & Mag. Nat. Hist. II, **12**: 432, 1853.

Specimen: 55825. C. G. Lloyd, Crittenden, Kentucky, June 1907. Lloyd states, "It is the same plant I afterwards named *F. kauffmannii*." However, it will be noted that the latter name was actually published first. As far as can be judged from Lloyd's comments on these two species, both are merely forms of the common *F. europaeus* and can be relegated to synonymy.

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FAVOLUS ROSEUS Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2283), July 1922.

Specimen: 55359 (*Type*), Mrs. E. N. Burkill, 278, Botanic Garden, Singapore, Nov. 1913. Lloyd also refers here specimens at Kew from Ceylon and Sarawak placed under *F. tessellatus* and *Laschia papillosa* respectively.

FAVOLUS SAMOENSIS Lloyd Myc. Writ. **7**: 1194, pl. 240 (f. 2421), July 1923.

Specimen: 55005 (*Type*), C. G. Lloyd, 5005, Samoa, Jan. 1900. Patouillard in a letter to Lloyd comments on this species as follows: "One can regard this as a form of *F. philippinense* Berk. with alveoles not denticulate, or can easily describe it as a new species."

FAVOLUS SCABRO-LINEATUS Lloyd Myc. Writ. **7**: 1157, pl. 222 (f. 2287-8), July 1922.

Specimen: 55839 (*Type*), A. Reyes, comm. O. A. Reinking, 11038, Mt. Maquiling, Luzon, Phil. Islands, Nov. 1920.

FAVOLUS SUBSPATHULATUS Lloyd in herb.

"Orbicular or spatulate to a very short lateral stipe. Thin. Color pale. Pores smooth, shallow, elongated. There are projecting hyphae on the hymenium, but no cystidia. Spores not found. This is quite close to *Favolus spathulatus*, but is a paler and thinner plant. When soaked the shallow pores become indistinct."

Specimen: 54284 (*Type*), A. Yasuda, 696, Ins. Okinawa, Japan, April 1903. The name was used in reporting determinations to Yasuda (Myc. Writ. **7**: 1345, March 1925), and the above description filed with the specimen, but not published.

FAVOLUS TRIGONUS Lloyd Myc. Writ. **7**: 1332, pl. 319 (f. 3063), Oct. 1924.

Specimen: 55822 (*Type*), J. Rick, Brasil.

FAVOLUS WHETSTONEI Lloyd Myc. Writ. **5**: 615, f. 870, Dec. 1916. Sacc. Sylloge Fungorum **23**: 454, 1925.

Specimen: 55837 (*Type*), Mary S. Whetstone, Minneapolis, Minnesota. Lloyd comments on the label, "as it was called in Mycological Notes, but for me it is only a form or anomaly of *F. europaeus*."

FOMES

FOMES ADAMANTINUS Berk. var. **SETIFERUS** Lloyd Myc. Writ. **4**: L. 42: 11, Oct. 1912. Petch Ann. Royal Bot. Gardens Peradeniya **6**: 45, 1916 (as var. *setiferae*).

Specimens: None in the Lloyd collections under this name, specimens apparently having been later referred to *F. setulosus* Lloyd (q.v.).

FOMES AGGLUTINATUS Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2277), July 1922.

Specimen: 45421 (*Type*), H. S. Yates, Bur. Sci. 25644, Basiad, Prov. of Tayabas, Luzon, Phil. Islands, Dec. 1916.

FOMES ALBOTEXTUS Lloyd Myc. Writ. **7**: 1332, pl. 319 (f. 3064), Oct. 1924.

Specimen: 37947 (*Type*), H. S. Yates, 784, Simpangtola, Sumatra, July 1923.

NEW FUNGUS NAMES

FOMES ANGULARIS Lloyd Myc. Writ. **4**: Fom. 239, f. 586, Jan. 1915. Sacc. Syll. Fungorum **23**: 395, 1925.

Fomes angulus Lloyd Myc. Writ. **4**: L. 45: 6, April 1913; **4**: Fom. 278, Jan. 1915. Yasuda Bot. Mag. Tokyo **28**: (358), 1914. Sacc. Syll. Fungorum **23**: 394, 1925.

Fomes angularis Umemura Bot. Mag. Tokyo **31**: 50, 1917.

Specimen: 16106 (*Type*), J. Umemura, 1378, Nagoya, Japan, on *Pasania*.

FOMES ANNULARIS Lloyd Myc. Writ. **4**: L. 40: 6, Aug. 1912; **4**: Fom. 268, f. 604, Jan. 1915. Sacc. Syll. Fungorum **23**: 393, 1925 (as *Fomes anularis* Lloyd). Butler and Bisby Fungi of India, p. 94, 1931.

Specimens: 42142 (*Type*), W. T. Saxton, Capetown, U. So. Africa; 15062, C. van Overeem, 6218, Java, Nov. 1921; 25947, K. Miyabe, 290, Japan, June 1912; 25949, A. V. Duthie, 17, Transvaal; 42135, 42138, T. Petch, 4960, 4959, Ceylon; 42136, J. Rick, Brasil; 42137, 42141, P. van der Bijl, Durban, U. So. Africa; 42139, C. R. Stillinger, Berkeley, California; 42140, R. E. Holttum, 9586, Brit. Malaya, Nov. 1922; 42143, James Wilson, Victoria. In a later note (Myc. Writ. **7**: 1242, Jan. 1924) Lloyd says, "For me it is only a condition of *F. leucophaeus* or *F. tornatus* due to scanty food supply and slow growth." Petch (Ann. Roy. Bot. Garden Peradeniya **6**: 47, 1916) says, "A stratosse form of *F. applanatus*," van der Bijl, So. African Journ. Sci. **18**: 279, 1922, considers the species as "merely a growth variety of *F. applanatus*." Cunningham (Trans. N. Z. Insti. **58**: 216, 1927) reduces the species to synonymy under *F. australis* (Fr.) Cke.

FOMES BOREALIS Lloyd Myc. Writ. **4**: Fom. 247, Jan. 1915. Murrill Myc. **12**: 16, 1920. Sacc. Syll. Fungorum **23**: 393, 1925.

Specimens: 35528, 35529, C. G. Lloyd, Temagami, Ontario, Aug. 1907. Lloyd labelled both specimens as "*type*". A form of *F. igniarius*.

FOMES CARYOPHYLLI (Rac.) Bres. Ann. Myc. **10**: 498, 1912.

Yasuda (Bot. Mag. Tokyo **31**: 51, 1917) credits the combination to Lloyd, but in error, Lloyd not using the combination in question until 1915 (Myc. Writ. **4**: Fom. 254).

FOMES CLELANDII Lloyd Myc. Writ. **4**: L. 60: 11, Dec. 1915; **4**: 550, f. 754, Feb. 1916; **5**: L. 68: 8, Dec. 1918. Sacc. Syll. Fungorum **23**: 399, 1925.

Specimens: 37943 (*Type*), J. B. Cleland, 52, Sydney, N. So. Wales, Oct. 1914; 37944, E. Cheel, New Zealand; 37945, W. A. Scarfe, New Zealand. Cunningham (Trans. N. Z. Insti. **58**: 219, 1927) includes this form with the doubtful species, at least as far as New Zealand is concerned.

FOMES CUNEATUS Lloyd Myc. Writ. **4**: Fom. 217, Jan. 1915; **7**: 1329, pl. 315 (f. 3042), Oct. 1924. Sacc. Syll. Fungorum **23**: 398, 1925.

Specimens: 16759, 26983, L. Rodway, 1452, 1351, Tasmania; 15191, 34452, L. Rodway, 1483, 1488; 15212, C. C. Brittlebank, Melbourne, Victoria, 1918. Based on a specimen (*Type*) at Kew collected by Colenso in New Zealand on

Fagus solanderi. The last three specimens cited were filed by Lloyd under the name *Polyporus cuneatus*, a nomen nudum. Cunningham (Trans. N. Z. Inst. **58**: 210, 1927) considers this species synonymous with *Fomes hemitaphrus* (Berk.) Cke.

FOMES DENSUS Lloyd Myc. Writ. **4**: Fom. 245, Jan. 1915. Lowe Bull. N. Y. State College For. **61b**: 118, 1934.

Specimens: 35322, *P. Dumée*, France; 35323, 35325, *F. Fautrey*, France; 35302, *Moeller*, Portugal; 37951, *J. B. Cleland*, N. So. Wales; 37952, *J. E. A. Lewis*, Kobe, Japan. The first specimen cited by Lloyd in his description, and hence presumably the type, collected by *O. M. Oleson*, other data not given, is not in the collection.

FOMES DURISSIMUS Lloyd Myc. Writ. **6**: 943, pl. 154 (f. 1746), Jan. 1920. Butler and Bisby Fungi of India, p. 94, 1931.

Specimens: 51576 (*Type*), 51572-5, *J. Gossweiler*, Angola, Port. W. Africa; 2346, 37712, *R. C. McGregor*, Bur. Sci. 20379, Luzon, Phil. Islands; 51578, *O. A. Reinking*, 8163, Manila, Phil. Islands; 37711, *P. van der Bijl*, 787, U. So. Africa; 37713, 37714, *R. E. Holttum*, 9463, 9702, Brit. Malaya; 37715, *J. B. Cleland*, 563, N. So. Wales; 51577, *S. R. Bose*, India. Lloyd states: "A common plant in both Eastern and American Tropics," but he has not referred any American specimens to this species.

FOMES GALEGENSIS Mont. Ann. Sc. Nat. II, **9**: 56, 1838. Cunningham (Trans. N. Z. Inst. **58**: 216, 1927) credits this species to Lloyd in assigning it to synonymy with *F. australis* (Fr.) Cke.

FOMES GILVUS Lloyd Myc. Writ. **4**: L. 42: 6, Oct. 1912; **4**: L. 47: 14, Nov. 1913; **5**: L. 65: 9, March 1917; **7**: 1157, pl. 222 (f. 2285), July 1922.

Specimens: 12564 (first specimen cited as *Type*), *Leon Castillon*, Tucuman, Argentina; 37921, *T. Petch*, 4831, Ceylon; 37923, *S. D. Joshi*, Almora, India; 37924, *J. B. Cleland*, 498, N. So. Wales; 37925-6, *C. Torrend*, 508, 507, Bahia, Brasil; 37927-8, *J. Wilson*, Victoria; 37929, *F. Stoward*, Leedersville, West Australia; 37930, *J. F. Brenckle*, Fargo, No. Dakota. 837, on *Quercus macrocarpa*; 38590, *O. M. Oleson*, California; 9911, *J. R. Weir*, Grant's Pass, Oregon. "A subligneous or indurated form of *Polyporus gilvus*, common in tropical countries." Reduced to synonymy with *Polyporus gilvus* (Schw.) Fr. by Cunningham, Trans. N. Z. Inst. **58**: 239, 1927.

FOMES GLAUCOPORUS Lloyd Myc. Writ. **4**: 251, Jan. 1915. Sacc. Syll. Fungorum **23**: 393, 1925. Rick Broteria Ser. Bot. **21**: 8, 1924.

Specimens: 19550 (*Type*), *H. P. de la Bathie*, 1383, Madagascar; 19545-9, *P. van der Bijl*, U. So. Africa; 19544, *C. Torrend*, Brasil; 19551, *J. Rick*, Brasil.

FOMES GOSSWEILERI Lloyd Myc. Writ. **6**: 940, pl. 152 (f. 1731), Jan. 1920.

Specimens: 45425 (*Type*), 45417, *J. Gossweiler*, Angola and Portuguese Congo, W. Africa.

FOMES GRAFFII Lloyd Myc. Writ. **4**: Fom. 272, Jan. 1915; **7**: 1155, pl. 220 (f. 2272), July 1922. Sacc. Syll. Fungorum **23**: 398, 1925.

Specimens: 39168 (*Type*), P. W. Graff, Bur. Sci. 19097, Prov. Bataan, Luzon, Phil. Islands, Nov. 1912; additional portions of the type collection, 2309, 26155. Distributed by the Bureau of Science, Philippine Islands, as *Ganoderma bataanense* Murr.

FOMES HAWAIIENSIS Lloyd Myc. Writ. **4**: Fom. 260, Jan. 1915. Sacc. Syll. Fungorum **23**: 385, 1925.

Specimens: 17778, 17785 (*Type*), C. N. Forbes, 21, Kauai, Hawaiian Islands; 17786, C. N. Forbes, 2116, Kawaihoa, Oahu, Hawaiian Islands; 17776, 17777, 17780, H. E. Parks, Tahiti, 1922. "A form of *F. senex*."

FOMES INTERTEXTUS Lloyd Myc. Writ. **7**: 1111, pl. 192 (f. 2064), Feb. 1922. Rick Broteria Ser. Bot. **21**: 8, 1924.

Specimen: 16090 (*Type*), J. Rick, Brasil.

FOMES JAVANICUS (Bres.) Lloyd Myc. Writ. **4**: Fom. 251, Jan. 1915; **7**: 1243, Jan. 1924.

Fomes inflexibilis Berk. var. *javanicus* Bres. Ann. Myc. **10**: 498, 1912. Sacc. Syll. Fungorum **23**: 385, 1925.

Specimen: 36881, C. van Overeem, 618, W. Java, 1921. *Type* at Kew based on a von Hoehnel specimen from Java.

FOMES KONINGSBERGII Lloyd Myc. Writ. **4**: Fom. 270, Jan. 1915. Sacc. Syll. Fungorum **23**: 393, 1925. van Overeem Bull. Jard. Bot. Buiten. **4**: 62, 1922.

Specimens: 44461 (*Type*), J. C. Koningsberg, Java; 4664, C. Bernard, Java; 55890, C. van Overeem, Java; 23951, W. Docteurs van Leeuwen, Java; 44158, M. Ramos, 2094, Brit. No. Borneo, Sept.-Dec. 1920. Humphrey (Phil. Journ. Sci. **45**: 499, 1931) refers the Ramos specimen to *Ganoderma applanatum philippinense* Humph. and adds: "Among the Buitenzorg specimens so named by Lloyd is one sufficiently typical of what the author segregates as variety *tornatum* forma *macrospora*." It would accordingly appear that *F. koningsbergii* is synonymous with *Ganoderma applanatum* (Pers.) Pat. Cunningham (Trans. N. Z. Insti. **58**: 218, 1927) reduces this species to synonymy under *F. subternatus* (Murr.) Lloyd.

FOMES LATISTIPITATUS Lloyd Myc. Writ. **6**: 1062, pl. 184 (f. 1999), May 1921.

Specimen: 23596 (*Type*), J. E. A. Lewis, Kobe, Japan.

FOMES LONGINQUUS Lloyd Myc. Writ. **7**: 1335, pl. 321 (f. 3081), March 1925.

Specimen: 16091 (*Type*), K. Masui, Univ. Kyoto, Japan.

FOMES LONGOPORUS Lloyd Myc. Writ. **6**: 940, pl. 152 (f. 1728, 1730), Jan. 1920.

Specimens: 25950 (*Type*), 21620, J. Gossweiler, Portuguese W. Africa. Humphrey (Phil. Journ. Sci. **45**: 512, 1931) comments "not adequately described or figured." A doubtful species.

NEW FUNGUS NAMES

FOMES MAGNOSPORUS Lloyd Myc. Writ. **6**: 1014, Sept. 1920.

Specimen: 17774 (*Type*), H. A. Lee, Lamao, Luzon, Phil. Islands.

FOMES MALVENUS Lloyd Myc. Writ. **4**: Fom. 282, Jan. 1915; **5**: L. 66: 9, Oct. 1917.

Specimens: 8708 (*Type*), C. G. Lloyd, Samoa, 1905; 41449, T. Hunter, Coomasse, Africa.

FOMES MARTIUS Berk. Hook. Journ. Bot. **8**: 198, 1856. Cunningham (Trans. N. Z. Inst. **58**: 210, 1927) erroneously attributes this species to Lloyd, in assigning it to synonymy with *F. hemitephrus* (Berk.) Cke.

FOMES MIRABILIS Lloyd Myc. Writ. **3**: L. 33: 3, May 1911; **4**: Fom. 232, Jan. 1915.

Specimens: 38731 (*Type*), 58234, C. B. Ussher, Sts. Settlements; 17483, H. S. Yates, Bur. Sci. 36117, Isabela, Basilan Island, Phil. Islands. Lloyd comments (Myc. Writ. **7**: 1132, Feb. 1922) in connection with the Philippine specimen, "I am convinced now that this is the same as *F. fuscopallens* Bres."

FOMES NONTOSTUS Lloyd Myc. Writ. **4**: L. 48: 7, Nov. 1913; **4**: Fom. 221, Jan. 1915.

Specimens: 38222, 38223, H. P. de la Bathie, 30, 56, Madagascar. Both specimens labelled *Type* by Lloyd.

FOMES OCHROFLAVUS (Cooke) Lloyd Myc. Writ. **4**: L. 53: 10, Nov. 1914.

Trametes ochroflavus Cooke Grev. **9**: 12, 1880.

Specimens: 26146, 37953, C. Torrend, Bahia, Brasil; 26149-50, J. Rick, Brasil.

FOMES OCHROLEUCUS (Berk.) Lloyd Myc. Writ. **5**: 714, f. 1070, Oct. 1917; **6**: 1083, May 1921; **7**: 1299, June 1924.

Polyporus ochroleucus Berk. in Hook. London Journ. Bot. **4**: 53, 1845.

Specimens: 15977, 15996, C. C. Brittlebank, Melbourne, Victoria; 26148, J. Wilson, Victoria; 26, 156, 37940, J. T. Paul, E. Caulfield, Australia; 26166, J. B. Cleland, 880, So. Australia; 47289, S. Kawamura, Japan.

FOMES ODORATUS (Wulf. ex Fr.) Lloyd Myc. Writ. **4**: Fom. 273, 274, Jan. 1915; **6**: 1019, Sept. 1920. Yasuda Bot. Mag. Tokyo **31**: 50, 1917. Donk Meded. Bot. Mus. Univ. Utrecht **9**: 211, 1933.

Trametes odorata (Wulf.) Fr. Epicr. Myc. 489, 1838.

Specimens: Lloyd filed all specimens of this species as *Trametes*.

FOMES OLIVACEUS Lloyd Myc. Writ. **5**: L. 65: 14, March 1917.

Fomes olivaceus Yasuda Bot. Mag. Tokyo **31**: (294), Nov. 1917. (In Japanese).

Specimen: 37888 (*Type*), A. Yasuda, 415, Prov. Awaji, Japan, Nov. 1916. Lloyd later (Myc. Writ. **6**: 984, May 1920) refers this species to *F. cinereus* Torr., adding, "I believe Murrill has a name for it also."

FOMES OROFLAVUS Lloyd Myc. Writ. **4**: Fom. 265, Jan. 1915; **6**: 1092, May 1921; **7**: 1164, July 1922; **7**: 1289, June 1924. van der Bijl So. African Journ. Sci. **18**: 278, 1922.

Fomes applanatus (Pers.) Gill. var. *oroflavus* (Lloyd) Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales **51**: 518, 1918.

Fomes australis (Fr.) Cke. var. *oroflavus* (Lloyd) Cunningham Trans. N. Z. Inst. **58**: 217, 1927.

Specimens: 34371, James Wilson, Victoria, Oct. 1911; and twenty-seven additional from H. M. Curran, O. A. Reinking, E. Quisumbing, F. Obia, F. Bernardo, N. Reyes, R. C. McGregor and H. S. Yates, Phil. Islands; R. E. Holtum, Singapore; W. Docteurs van Leeuwen, Java; W. A. Scarfe, New Zealand; G. A. Best, Lahore, India; H. P. de la Bathie, Madagascar; J. Gossweiler, Angola; T. Hunter, Coomasse, Africa; C. Torrend, Brasil; T. J. Collins, C. F. Secord, Guatemala; C. N. Forbes, Oahu, Hawaiian Islands; S. B. Parish, Berkeley, California; and C. R. Stillinger, Elk River, Idaho. "Only a yellow-pored form of the common *F. applanatus*." Humphrey (Phil. Journ. Sci. **45**: 503-4, 1931) discusses this species at length as *Ganoderma oroflavum* (Lloyd) referring it to synonymy with *Ganoderma applanatum* (Pers.) Pat. stating, "It is nothing but a condition of growth which is not worth segregating even as a form."

FOMES ORONIGER Lloyd Myc. Writ. **7**: 1330, pl. 316 (f. 3048), Oct. 1924.

Specimen: 16116 (*Type*), R. E. Holtum, 11346, Fraser Hill, Pahang, Brit. Malaya, Sept. 1923.

FOMES OSTRICOLORIS Lloyd Myc. Writ. **4**: Fom. 257, Jan. 1915. Sacc. Syll. Fungorum **23**: 394, 1925 (as *F. ostricolor*).

Specimen: 38159 (*Type*), Ed. Luja, Belgian Congo.

FOMES PERLEVIS Lloyd Myc. Writ. **4**: L. 39 bis: 2, July 1912; **4**: Fom. 231, Jan. 1915; **5**: L. 69: 14, April 1919. Sacc. Syll. Fungorum **23**: 396, 1925. Rick Broteria Ser. Bot. **21**: 8, 1924.

Specimens: 24971 (*Type*), 24970, 39151-2, 45422, H. P. de la Bathie, Madagascar; 39150, 45423, J. Rick, Brasil.

FOMES PETCHII Lloyd Myc. Writ. **4**: Fom. 268, f. 605, Jan. 1915. Petch Ann. Roy. Bot. Gardens Peradeniya **6**²: 47, 1916. Sacc. Syll. Fungorum **23**: 392, 1925.

Specimens: 42145, R. E. Holtum, 11355, Fraser Hill, Pahang, Brit. Malaya, Sept. 1923. Lloyd states that the species is based on a specimen sent by Petch, 3235, from Hakgala, Ceylon. May 1910, but the specimen cannot be located. Cunningham (Trans. N. Z. Inst. **58**: 216, 1927) reduces the species to synonymy under *F. australis* (Fr.) Cke.

FOMES PINI (Thor.) Lloyd Myc. Writ. **4**: Fom. 275, f. 608, 609, Jan. 1915; **7**: 1208, July 1923. Yasuda Bot. Mag. Tokyo **31**: 51, 1917. Shope Ann. Mo. Bot. Garden **18**: 379, 1931. Overholts Wash. Univ. Studies **3**: 62, 1915.

Trametes pini (Thor.) Fr. Epicr. Myc. 489, 1838.

Specimens: Lloyd uses the name for an extensive series from correspondents in the District of Columbia, Kansas, New York, Massachusetts, New Jersey,

Idaho, Washington, Oregon, California, British Columbia, Ontario, Sweden, France, Germany, Bohemia, and Spain.

FOMES POLYZONUS Lloyd Myc. Writ. **4**: Fom. 269, Jan. 1915.

Specimens: 30800 (*Type*), C. B. Ussher, Java; 30799, 44462, W. Docteurs van Leeuwen, Java; 2094, 2095, P. W. Graff, Bur. Sci. 16755, Phil. Islands; 2096, 2097, E. Fenix, A. D. E. Elmer, Mindanao, Phil. Islands; 30797, 30798, H. P. de la Bathie, 1355, 1352, Madagascar; 30769, P. Pio Buck, Rio Grande do Sul, Brasil. Cunningham (Trans. N. Z. Inst. **58**: 218, 1927) reduces this species to synonymy under *F. subternatus* (Murr.) Lloyd.

FOMES POMACEUS (Pers.) Lloyd Myc. Writ. **4**: 241, f. 588, Jan. 1915. Lowe N. Y. State College For. Tech. Publ. **41**: 118, 1934.

Fomes fulvus (Scop.) Gill. Champ. Fr. **1**: 687, 1878.

Specimens: Lloyd refers here many specimens from the United States, Europe, Madeira, China, Japan, Malay Peninsula, Australia, and New Zealand. Overholts and other workers prefer *F. fulvus* as a name for this species. Cunningham (Trans. N. Z. Inst. **58**: 219, 1927) cites the species *F. pomaceus* (Pers.) Big. & Guill.

FOMES PSEUDOAUSTRALIS Lloyd Myc. Writ. **4**: Fom. 269, Jan. 1915; **7**: 1243, Jan. 1924. Sacc. Syll. Fungorum **23**: 392, 1925.

Specimens: 2421 (*Type*), H. M. Curran, Bur. Sci. 13748, Negros, Phil. Islands, Sept. 1909; 44457, C. van Overeem, 776, Java. Cunningham (Trans. N. Z. Inst. **58**: 218, 1927) reduces this species to synonymy under *F. subternatus* (Murr.) Lloyd.

FOMES PSEUDOPETCHII Lloyd Myc. Writ. **7**: 1202, pl. 247 (f. 2476), July 1923.

Specimen: Based on a specimen collected in Sumatra by H. S. Yates, but not located in the Lloyd Collection.

FOMES PSEUDOTENEX (Murr.) Lloyd Myc. Writ. **4**: L. 39 bis: 2, July 1912; **4**: L. 48: 8, Nov. 1913; **4**: Fom. 255, Jan. 1915; **5**: L. 65: 10, March 1917; **6**: 1091, May 1921; **7**: 1209, July 1923.

Pyropolyporus pseudosenex Murr. No. Amer. Flora **9**: 107, 1908.

Fomes pseudosenex (Murr.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 292, 1912.

Fulvifomes pseudosenex Murr. in Tropical Polypores, p. 83, 1915.

Specimens: An extensive series from the Philippine Islands, Sumatra, India, Madagascar, Union So. Africa, Angola, E. Africa, Gold Coast, New So. Wales, Brasil, Surinam, Guatemala, Oaxaca, Cuba, and Florida.

FOMES PSILA Lloyd Myc. Writ. **4**: Fom. 233, f. 582, Jan. 1915; **7**: 1289, June 1924. Sacc. Syll. Fungorum **23**: 397, 1925.

Specimens: 44710, 44715, J. Rick, Brasil. Rick's labels accompanying these specimens refer to "previous sendings" which have not been found, and it is assumed that neither of the above can be considered Lloyd's type. Later specimens were probably referred to either *Trametes ocellata* B. & C. or *Tr.*

NEW FUNGUS NAMES

hydroides Sw. Lloyd in his last published note (loc. cit.) states "*F. psila* is a *Fomes* form of *Tr. ocellata*."

FOMES PUSILLUS Lloyd Myc. Writ. **4**: L. 49: 13, Jan. 1914; **4**: Fom. 240, Jan. 1915. Yasuda Bot. Mag. Tokyo **28**: (151), March 1914. Sacc. Syll. Fungorum **23**: 395, 1925.

Fomes pusillus Yasuda Bot. Mag. Tokyo **31**: 50, 1917.

Specimens: 16080 (*Type*), A. Yasuda, 185, Prov. Kotsuke, Japan, March 1913, on *Zelkova acuminata*; 20446, J. Rick, Brasil.

FOMES REVIVISCENS Lloyd in Rick Broteria Ser. Bot. **21**: 7, 1924.

Specimen: 37757, J. Rick, Brasil. No published or mss. notes by Lloyd covering this species other than use of the name in a list of determinations (Myc. Writ. **7**: 1162, July 1922) have been found. The one specimen bears a note, "See other collections," which, however, have not been located. Rick gives a brief description and adds, "Est *Trametes fomitoidea*."

FOMES RHAPONTICUS Lloyd Myc. Writ. **4**: L.44: 11, Jan. 1913; **4**: Fom. 258, Jan. 1915.

Specimen: 27826 (*Type*), J. Umemura, 21, 34, Mikawa, Japan. Lloyd refers to a specimen from G. Yamada, Japan, but it is not in the herbarium.

FOMES RHEICOLOR Lloyd Myc. Writ. **4**: Fom. 245, Jan. 1915. Sacc. Syll. Fungorum **23**: 393, 1925. Seaver and Chardon Sci. Sur. P. R. **8**: 158, 1926. *Specimen*: 39056 (*Type*), Leon Castillon, Tucuman, Argentina.

FOMES ROBINSONIAE (Murr.) Lloyd ex van der Bijl So. African Journ. Sci. **18**: 275, 1922.

=*Fomes robinsoniae* (Murr.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 291, 1912.

FOMES ROBUSTUS Karst. var. SETELATUS Lloyd Myc. Writ. **4**: L. 42: 11, Oct. 1912. See *Fomes setulosus* Lloyd.

FOMES ROSEOTUBULUS Lloyd Myc. Writ. **5**: L. 67: 14, July 1918.

Specimens: 15529 (*Type*), 15530, J. Gossweiler, 45, 33, Loanda, Angola.

FOMES SANFORDII Lloyd Myc. Writ. **4**: Fom. 258, Jan. 1915. Petch Ann. Roy. Bot. Gardens Peradeniya **6**²: 46, 1916. Sacc. Syll. Fungorum **23**: 399, 1925.

Specimens: 17805 (*Type*), 17795, T. Petch, 3446, 3963, Peradeniya, Ceylon; 17781, A. Yasuda, 622, Sendai, Japan, on *Diervilla coraeensis*, Aug. 1919; 20441, J. Rick, Brasil.

FOMES SANJANII Lloyd Myc. Writ. **6**: 885, pl. 129 (f. 1528), Oct. 1919.

Specimen: 16103 (*Type*), Britton and Shafer, St. Jan. American Virgin Islands.

FOMES SCAURUS Lloyd.

See *Polyporus scaurus* Lloyd.

NEW FUNGUS NAMES

FOMES SCULPTURATUS Lloyd Myc. Writ. **4**: L. 39 bis: 2, July 1912; **4**: L. 48: 7, Nov. 1913; **4**: Fom. 233, Jan. 1915. Sacc. Syll. Fungorum **23**: 393, 1925.

Specimens: 17478, 17479, 17476, 17477, *H. P. de la Bathie*, Madagascar. The first two specimens have been labelled by Lloyd as *Type*.

FOMES SETULOSUS Lloyd Myc. Writ. **4**: Fom. 243, Jan. 1915; **5**: 713, f. 1069, Oct. 1917; **5**: L. 67: 13, July 1918. Petch Ann. Roy. Bot. Gardens Peradeniya **6**²: 45, 1916. Sacc. Syll. Fungorum **23**: 392, 1925.

Fomes adamantinus Berk. var. *setiferus* Lloyd Myc. Writ. **4**: L. 42: 11, Oct. 1912.

Fomes robustus Karst. var. *setelatus* Lloyd Myc. Writ. **4**: L. 42: 11, Oct. 1912.

Specimens: 38157 (*Type*), 37392, 37393, *T. Petch*, 3459, 3460 3442, Peradeniya, Ceylon; 15040, *J. Umemura*, Nagoya, Japan; 37491, *J. T. Paul*, Victoria; 37492, 37493, *J. B. Cleland*, N. So. Wales; 38158, *L. Rodway*, Tasmania; 38053, *W. Docteurs van Leeuwen*, Semarang, Java. Cunningham (Trans. N. Z. Inst. **58**: 211, 1927) reduces this species to synonymy with *F. robustus* Karst.

FOMES SQUARROSUS Lloyd Myc. Writ. **4**: L. 53: 10, Nov. 1914; **4**: Fom. 247, f. 590, Jan. 1915.

Specimens: 20437, 39380, *J. Rick*, Brasil. The specimen on which Lloyd based the species, sent by James Wilson, Victoria, cannot be located. Lloyd later (Myc. Writ. **5**: L. 67: 14, July 1918) reduces the species to synonymy with *F. setulosus* Lloyd, which in turn he considers as "a setae-bearing form of *F. robustus*." Cunningham (Trans. N. Z. Inst. **58**: 211, 1927) also considers the species as synonymous with *F. robustus* Karst.

FOMES SUBLAMAENSIS Lloyd Myc. Writ. **7**: 1128, Feb. 1922.

Specimen: 37752 (*Type*), *O. A. Reinking*, Mt. Maquiling, Luzon, Phil. Islands, Nov. 1920.

FOMES SUBTORNATUS (Murr.) Lloyd Myc. Writ. **4**: Fom. 269, Jan. 1915. Cunningham, Trans. N. Z. Inst. **58**: 218, 1927.

Ganoderma subtornatum Murr. Bull. Torr. Bot. Club **34**: 477, 1907.

Specimens: 15429. *T. F. Chipp*. 5389. Singapore. Sts. Settlements, Dec. 1919; 25957, *A. D. E. Elmer*, Phil. Bur. Sci. 7213. Specimens referred here by Lloyd temporarily were later transferred to other species. Humphrey (Phil. Journ. Sci. **45**: 505-6, 1931) considers *G. subtornatum* synonymous with *G. mastoporum*.

FOMES TEPPERII Lloyd Myc. Writ. **4**: Fom. 256, Jan. 1915. Sacc. Syll. Fungorum **23**: 394, 1925.

Specimen: 19494 (*Type*), *J. G. O. Pepper*, 7315, Norwood, So. Australia; 19516, *J. B. Cleland*, 291, N. So. Wales.

FOMES TORULOSUS (Pers.) Lloyd Myc. Writ. **3**: 470, March 1910; **3**: Pol. 48, Aug. 1910; **3**: L. 27: 4, Jan. 1910; **4**: Fom. 243, Jan. 1915; L. 43: 8, Nov. 1913; L. 52: 27, June 1914; **7**: 1289, June 1924. Sacc. Syll. Fungorum **21**: 294, 1912.

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Polyporus torulosus Pers. Myc. Eur. **2**: 79-80, 1825.

Specimens: Lloyd has referred to this species, an extensive series of specimens from France, Portugal, Italy, Austria, Switzerland, Corsica, Funchal, N. So. Wales, Japan, Louisiana, and Florida.

FOMES VELUTINOSUS Lloyd.

See *Polyporus velutinosus* Lloyd.

FOMES YASUDAI Lloyd Myc. Writ. **4**: Fom. 272, f. 606, Jan. 1915. Sacc. Syll. Fungorum **23**: 390, 1925.

Specimen: 14458 (*Type*), A. Yasuda, Sendai, Japan, Oct. 1902.

GANODERMA

GANODERMA DORSALE Lloyd.

See *Polyporus dorsalis* Lloyd.

GANODERMA (GANODERMUS) LUCIDUM (Leys.) Karst. form CARNOSUM (Pat.) Lloyd Myc. Writ. **4**: L. 40: 6, Aug. 1912.

Ganoderma carnosum Pat. Bull. Soc. Myc. Fr. **5**: 66, 1889.

Specimen: Based on a specimen from L. W. Riddle, Massachusetts, not now in the Lloyd herbarium. Lloyd, of course, did not recognize *Ganoderma* (or *Ganodermus* as he preferred to write it) considering it as a section only of *Polyporus*. In the above case the specimen if present in the collection would doubtless have been filed under *Polyporus*, though published as above.

GANODERMA TESTACEUM Lloyd ex Rick Broteria Ser. Bot. **21**: 7, 1924.

The species, attributed in error to Lloyd by Rick (loc. cit.) should properly be cited as *G. testaceum* (Lév.) Pat. as inferred by Lloyd.

HEXAGONA¹

HEXAGONA ANGULATA Lloyd Myc. Writ. **6**: 1003, pl. 166 (f. 1831), Sept. 1920. Chipp Garden Bull. Sts. Settle. **2**: 372, 1921.

Specimen: 13972 (*Type*), M. Noor, 5604, Pulau Penang, Brit. Malaya, Jan. 1920.

HEXAGONA APPLANATA (Bres.) Lloyd Myc. Writ. **6**: 1016, Sept. 1920.

Hexagona sulcata Berk. var. *applanata* Bres. Hedw. **53**: 72, 1913.

Specimens: 2465, 14316, 55485, M. Ramos, Bur. Sci. 1214, Bosoboso, Rizal, Luzon, Phil. Islands, July 1906; 55484, E. D. Merrill, Bur. Sci. 4026, Phil. Islands, Bresadola's varietal name is based on the Ramos collection. Lloyd, in raising the name to specific rank, cites the Merrill specimen first.

HEXAGONA ATRA Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2275), July 1922.

Specimen: 19591 (*Type*), E. Fenix, Bur. Sci. 30120, Mt. San Isidro, Luzon, Phil. Islands, Nov. 1917. Fig. 2275 is erroneously labelled *H. ater*.

HEXAGONA BURCHELLI Lloyd Myc. Writ. **3**: Hex. 44, June 1910; **4**: L. 61: 7, Feb. 1916. Butler and Bisby Fungi of India, p. 99, 1931.

¹In listing species in this genus we have maintained Lloyd's preferred spelling, *Hexagona*.

NEW FUNGUS NAMES

Specimens: 13967, *T. Petch*, 3494, Ceylon; 13964, *S. R. Bose*, 28, India; 13965, 13966, *G. H. Cave*, India. Lloyd states that the type is at Kew, but gives no further data concerning it. In an earlier publication he refers specimens of this form to *H. umbrinella* Fr.

HEXAGONA CALIGINOSA Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2278), July 1922.

Specimen: 55239 (*Type*), *T. Ferres*, comm. *O. A. Reinking*, 9344, Mt. Maquiling, Phil. Islands.

HEXAGONA CRASSIPORA Lloyd Myc. Writ. **5**: 714, f. 1071, Oct. 1917.

Specimens: 55243 (*Type*), 55244, *T. Hunter*, 13, 75, Gold Coast, W. Africa.

HEXAGONA DERMATIPHORA Lloyd Myc. Writ. **3**: 501, f. 388, April 1911.

Specimens: 55238 (*Type*), *Ed. Luja*, Belgian Congo, July 1910; 37129, *A. V. Duthie*, Stellenbosch, U. So. Africa; 55240, *C. G. Lloyd*, 05068, Samoa, 1905; 55241, *H. Vanderyst*, Belgian Congo.

HEXAGONA ELEGANS Lloyd Myc. Writ. **3**: Hex. 9, 39, f. 284, June 1910. Sacc. Syll. Fungorum **21**: 349, 1912.

Specimens: None in the Lloyd collections. Lloyd states that the species is based on a specimen in the Museum at Paris, origin not known.

HEXAGONA FERRUGINOSA Lloyd Myc. Writ. **6**: 1016, Sept. 1920.

Specimen: 55488 (*Type*), *A. Martelino* and *G. Edaño*, Bur. Sci. 35868, Mt. Salibongbong, Capiz Prov., Panay, Phil. Islands, June 1919.

HEXAGONA FLAVOFUSCA Lloyd Myc. Writ. **7**: 1156, pl. 220 (f. 2273), July 1922; **7**: 1243, pl. 269 (f. 2647), Jan. 1924.

Specimens: 55487 (*Type*), *F. O. Tanes*, Bur. Sci. 18343, Umingan, Luzon, Phil. Islands, April-June, 1914; 13890, *van Leeuwen*, *Dakkus* and *Bruggeman*, 617, W. Java, Nov. 1921.

HEXAGONA FUSCO-GLABRA Lloyd Myc. Writ. **7**: 1146, pl. 208 (f. 2194), July 1922.

Specimen: 13976 (*Type*), *V. Serviñas*, Bur. Sci. 16953, Mt. Maquiling, Laguna, Prov. Luzon, Phil. Islands, Nov. 1912.

HEXAGONA HENSCHALLI Berk. (in herb.) in Lloyd Myc. Writ. **3**: Hex. 11, 40, f. 286, June 1910; **3**: 500, April 1911. Sacc. Syll. Fungorum **21**: 349, 1912 (as *H. henschalli* Lloyd).

Specimens: 37128, 50875, *Ed. Luja*, Belgian Congo. "The type is at Kew from Java in the *H. apiaria* cover, named *H. henschalli* by Berkeley, but never published."

HEXAGONA LIGNOSA Lloyd Myc. Writ. **6**: 884, pl. 128 (f. 1525), Oct. 1919.

Specimen: 55041 (*Type*), comm. *T. Petch*, 5703, Mauritius.

HEXAGONA LINEATA Lloyd Myc. Writ. **7**: 1194, pl. 239 (f. 2419), July 1923.

Specimen: 13907 (*Type*), *H. Vanderyst*, 10889, Belgian Congo.

HEXAGONA MIRABILIS Lloyd Myc. Writ. **3**: Hex. 37, 40, f. 329, June 1910; **5**: L. 67: 16, July 1918. Sacc. Sylloge Fungorum **21**: 349, 1912.

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Specimens: 13894 (*Type*, part deposited at Kew), 54405, *C. G. Lloyd*, 05059, 05073, Samoa; 13891, *J. Rick*, Brasil; 13892, *C. A. O'Connor*, Mauritius; 13893, *H. P. de la Bathie*, Madagascar.

HEXAGONA MURINA Lloyd Myc. Writ. **7**: 1242, pl. 268 (f. 2642), Jan. 1924.

Specimen: 13900 (*Type*), *A. B. Bunnemeyer*, 811, Celebes, Dutch East Indies, May 1921.

HEXAGONA OLIVACEA Lloyd Myc. Writ. **4**: L. 53: 11, Nov. 1914; **5**: L. 65: 10, March 1917. Sacc. Syll. Fungorum **23**: 446, 1925.

Specimen: 55478 (*Type*), *James Wilson*, Victoria, Australia. Lloyd states (Myc. Writ. **5**: L. 65: 10, March 1917) that the species is better referred to *H. gunnii*.

HEXAGONA PECTINATA Lloyd Myc. Writ. **7**: 1334, pl. 321 (f. 3077-8), March 1925.

Specimen: 19589 (*Type*), *H. Vanderyst*, 12016, Belgian Congo, Sept. 1922.

HEXAGONA RESINOSA (Murr.) Lloyd Myc. Writ. **3**: Hex. 16, 40, f. 294, June 1910; **6**: 1016, Sept. 1920. Sacc. Syll. Fungorum **21**: 347, 1912.

Favolus resinosus Murr. Bull. Torr. Bot. Club **25**: 398, 1908.

Specimens: 55039, 55224-55230, 55420, Phil. Islands, Bur. Sci. collectors.

HEXAGONA RETROPICTA (Bres.) Lloyd Myc. Writ. **7**: 1148, pl. 212 (f. 2219), July 1922.

Hexagona bivalvis (Pers.) Bres. form *retropicta* Bres. Hedw. **53**: 73, 1913.

Specimens: 13973, *E. Fenix*, Bur. Sci. 28307; 13974, *E. Fenix*, Bur. Sci. 28313, Apayao Subprov., Phil. Islands, 1917. Lloyd states that this plant has been considered in the Philippines as a variety of *H. thuaitesii*, which is, however, apparently synonymous with *H. bivalvis*.

HEXAGONA SCRUPOSA Lloyd Myc. Writ. **7**: 1155, pl. 220 (f. 2271), July 1922.

Specimen: 55486 (*Type*), *H. S. Yates*, Bur. Sci. 25742, Prov. Tayabas, Luzon, Phil. Islands, Dec. 1916.

HEXAGONA SMALLII Lloyd Myc. Writ. **5**: 748, f. 1123, Dec. 1917.

Specimen: 55237 (*Type*), *W. Small*, Africa.

HEXAGONA UMBROSA Lloyd Myc. Writ. **6**: 957, May 1920. Chipp Garden Bull. Sts. Settle. **2**: 373, 1921.

Specimens: 13970 (*Type*), *T. F. Chipp*, 5460, Singapore, Sts. Settlements, Dec. 1919; 13971, *H. N. Ridley*, 141, Singapore, 1899. Published as *H. umbrosus*.

HEXAGONA VELUTINO-GLABRA Lloyd Myc. Writ. **7**: 1193, pl. 238 (f. 2410), July 1923.

Specimen: 55223 (*Type*), *J. Gossweiler*, 295, Angola, Portuguese W. Africa.

LASCHIA

LASCHIA CHIPPII Lloyd Myc. Writ. **6**: 908, pl. 140 (f. 1606), Jan. 1920. Chipp Garden Bull. Sts. Settle. **2**: 373, 1921.

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Specimens: 19919 (*Type*), T. F. Chipp, 4698, Pulau Penang, Brit. Malaya, Aug. 1919; 19818, R. E. Holttum, 11850, Singapore, Sts. Settlements, Nov. 1923.

LASCHIA FAVOLOIDES Lloyd Myc. Writ. **7**: 1112, pl. 193 (f. 2075), Feb. 1922.

Specimen: 19920 (*Type*), O. A. Reinking, Los Banos, Phil. Islands.

LASCHIA GOSSWEILERII Lloyd Myc. Writ. **7**: 1299, June 1924.

Specimen: 19924 (*Type*), J. Gossweiler, Angola, Portuguese W. Africa, Sept. 1921.

LASCHIA GRACILIS (Kl.) Lloyd Myc. Writ. **5**: 646, f. 923, Feb. 1917.

Polyporus gracilis Kl. in Hook. Herb., Berk. Ann. Nat. Hist. **3**: 384, Aug. 1839.

Specimens: None in Lloyd Herbarium.

LASCHIA INTESTINALIS (Berk.) Lloyd Myc. Writ. **5**: 708, f. 1058, Oct. 1917.

Favolus intestinalis Berk. Hooker's Journ. Bot. **3**: 167, 1851.

Specimen: 33279, H. S. Yates, Bur. Sci. 25824, Dec. 1916, Mt. Cadiz, Luzon, Phil. Islands. See also *Poroauricula*.

LASCHIA LONGICELLULIS Lloyd Myc. Writ. **5**: 837, April 1919. Rick Broteria **21**: 11, 1924.

Specimens: 19906 (*Type*), 19910, J. Rick, Brasil; 19905, 19907, 19908, 19909, C. Torrend, Brasil.

LASCHIA PAPULOSA (Ces.) Lloyd Myc. Writ. **7**: 1215, July 1923.

Favolus papulosus Ces. Atti Accad. Sci. Napoli **8**³: 8, 1879.

Specimens: None in the Lloyd herbarium.

LASCHIA SIMILIS Lloyd Myc. Writ. **6**: 999, pl. 164 (f. 1812, 1813), Sept. 1920. Chipp Garden Bull. Sts. Settle. **2**: 373, 1921.

Specimen: 28049 (*Type*), T. F. Chipp, 5084, Singapore, Sts. Settlements, Dec. 1919.

LASCHIA TORRENDII Lloyd Myc. Writ. **5**: 838, f. 1399, April 1919.

Specimen: 19917 (*Type*), C. Torrend, 418, Brasil.

LENZITES

LENZITES ABIETIS Lloyd Myc. Writ. **6**: 909, pl. 141 (f. 1607), Jan. 1920.

Specimen: 58919 (*Type*), I. M. Johnston, 513, Pike's Peak, Colorado, July 1919, on *Pseudotsuga*. Lloyd states, "I think it best to consider it as a hymenial variant of *Polystictus abietinus*." Shope (Ann. Mo. Bot. Garden **18**: 328, 1931) reduces the name to synonymy with *Polyporus abietinus* (Dicks.) Fr.

LENZITES ALBOLUTEA Lloyd Myc. Writ. **6**: 879, pl. 124 (f. 1502), Oct. 1919.

Specimens: 17491 (*Type*), 13901, Chas. Bernard, Buitenzorg, Java. Lloyd later (Myc. Writ. **6**: 1000, Sept. 1920) stated, "We suspect that what we recently called *L. albolutea* is not specifically different from *L. flavida*."

LENZITES ALBOREPANDA Lloyd Myc. Writ. **7**: 1224, pl. 254 (f. 2514), Sept. 1923.

Specimen: 55351 (*Type*), V. A. Putterill, 204, Capetown, U. So. Africa.

LENZITES CLELANDII Lloyd Myc. Writ. **6**: 887, pl. 130 (f. 1535), Oct. 1919.

Specimens: 55935 (*Type*), 55934, J. B. Cleland, 510, 509, N. So. Wales.

LENZITES GLABRA Lloyd Myc. Writ. **5**: 811, f. 1264, Oct. 1918.

Specimen: 54431 (*Type*), E. Cheel, 86, Russell Island, Solomon Group. Lloyd also refers here 54430, J. Rick, Brasil, stating, however, "This is not really the same as *L. glabra* named from a Pacific Island, but very close."

LENZITES HUENSIS Lloyd Myc. Writ. **7**: 1106, pl. 187 (f. 2019, 2020), Feb. 1922.

Specimens: 55353 (*Type*), 55352, H. H. Hu, Chekiang, China. In reporting to Hu on these specimens, Lloyd (Myc. Writ. **6**: 1075, May 1921) used the name *Lenzites sinensis*, but changed to *L. huensis* in publishing, presumably because the former name had already been used by Cooke, *Grevillea* **17**: 75, 1888.

LENZITES ISABELLINA Lloyd Myc. Writ. **7**: 1156, pl. 220 (f. 2274), July 1922.

Specimen: 55273 (*Type*), E. Fenix, Bur. Sci. 12875, Sablang, Luzon, Phil. Islands. Nov.-Dec. 1920. "An isabelline form of *L. betulina*." Referred by Bresadola to *L. betulina* (L.) Fr. f. *flaccida* Fr. Lloyd reported the plant to the Bureau of Science at Manila and also carried reference to it in his manuscript on Philippine Polypores as *L. discolor* (nomen nudum).

LENZITES MUELLERI (Berk.) Lloyd Myc. Writ. **6**: 886, pl. 130 (f. 1533), Oct. 1919.

Daedalea muelleri Berk. Grev. **19**: 93, June 1891 (as *D. mulleri*).

Specimens: 54432, J. B. Cleland, 512, N. So. Wales; 54433, P. van der Bijl, Berea, U. So. Africa.

LENZITES OCHRACEA Lloyd Myc. Writ. **7**: 1106-1130, pl. 187 (f. 2023), Feb. 1922.

Specimens: 55294 (*Type*), J. Rick, Brasil; 8415, P. van der Bijl, U. So. Africa; 55295, Kate A. Jones Walker, New Hampshire. In connection with the latter specimen Lloyd notes, "May be only a form of *L. betulina*." As to the type of *L. ochracea*, Lloyd himself notes that it is a form of *L. flaccida*, which is synonymous with *L. betulina*.

LENZITES PERTENUIS Lloyd Myc. Writ. **7**: 1106, pl. 188 (f. 2028), Feb. 1922.

Specimen: 55268 (*Type*), M. Ramos and G. Edaño, Bur. Sci. 37139, Bukidnon Subprov., Mindanao, Phil. Islands, June-July 1920.

LENZITES SAEPIIFORMIS Lloyd Myc. Writ. **7**: 1273, pl. 287 (f. 2809), June 1924.

Specimens: 55964 (*Type*), 55963, 55965, O. A. Reinking, 92, 104, 88, Tela, Honduras, Aug.-Oct. 1923.

LENZITES STYRACINA (Henn. & Shirai) Lloyd Myc. Writ. **5**: 860, f. 1443, June 1919. Yasuda Bot. Mag. Tokyo **31**: 62, 1917.

Daedalea styracina Henn. & Shirai Bot. Jahrb. **28**: 269, 1900.

Specimens: 54425, 55590, 55966, A. Yasuda, Japan.

LENZITES YOSHINAGAE Lloyd Myc. Writ. **7**: 1108, pl. 189 (f. 2042), Feb. 1922.

Specimen: 21551 (*Type*), T. Yoshinaga, 15, Mt. Nonc, Tosa, Japan. At a

NEW FUNGUS NAMES

later date (Myc. Writ. **7**: 1184, Jan. 1923) Lloyd states, "*L. yoshinagai* is in my opinion a lenzitoid hymenial variant of *Trametes heteromorpha*."

MERULIUS

MERULIUS AURANTIUS Lloyd Myc. Writ. **7**: 1109, pl. 190 (f. 2053), Feb. 1922.

Specimens: 19975 (*Type*), 43932, *L. Rodway*, 1072, 990, Tasmania.

MERULIUS CANDIDUS Lloyd Myc. Writ. **7**: 1193, pl. 237 (f. 2407), July 1922.

Specimen: 19978 (*Type*), *J. B. Cleland*, Adelaide, So. Australia.

MERULIUS CARBONARIUS Lloyd Myc. Writ. **6**: 963, May 1920.

Specimen: 9930 (*Type*), *J. M. Grant*, 2011. Montesano, Washington. Part of this collection also catalogued under No. 17510.

MERULIUS CASTANEUS Lloyd Myc. Writ. **4**: 555, f. 761, 762, Feb. 1916. Yasuda Bot. Mag. Tokyo **30**: 360, (419), 1916; **31**: 49, 1917. Sacc. Syll. Fungorum **23**: 457, 1925.

Specimens: 55391 (*Type*), 19939, *J. Umemura*, 120, 134, Mikawa, Japan; 19937, 19940, *A. Yasuda*, Sendai, Japan. Lloyd later (Myc. Writ. **5**: 809, f. 1259, Oct. 1918) remarks, "The plant is not a very good *Merulius*, perhaps a better *Poria*." He also indicates (Myc. Writ. **6**: 1060, May 1921) the close relation of *Irpex castaneus* Lloyd to this species. The name is preoccupied by *M. castaneus* Meyer Fl. Esseq., p. 302, 1818, and the species should be renamed if critical study warrants its retention.

MERULIUS CONCHOIDES Lloyd Myc. Writ. **7**: 1143, pl. 206 (f. 2179), July 1922.

Specimen: 19974 (*Type*), *L. Mille*, 8, Ecuador.

MERULIUS CONSIMILIS Lloyd Myc. Writ. **7**: 1123, pl. 201 (f. 2147, 2148), Feb. 1922.

Specimens: 26984 (*Type*), 19965, *R. Hababuyas*, comm. *O. A. Reinking*, 9768, 10374, Mt. Maquiling and Los Baños, Phil. Islands, Sept. 1920; 19969, *V. Marilao*, comm. *O. A. Reinking*, 10740, Mt. Maquiling, Phil. Islands, Nov. 1920; 19973, *S. Bacol*, comm. *O. A. Reinking*, 10342, Mt. Maquiling, Sept. 1920.

MERULIUS CORIUM Berk. var. PALLENS Lloyd Myc. Writ. **5**: L. 68: 7, Dec. 1918.

Specimen: 19867 (*Type*), *W. A. Scarfe*, Caversham, New Zealand.

MERULIUS CRASSUS Lloyd Myc. Writ. **7**: 1362, pl. 342 (f. 3244), July 1925.

Specimen: 26987 (*Type*), *Ann Hibbard*, Meredith, New Hampshire, Aug. 1924.

MERULIUS CUNEATUS Lloyd Myc. Writ. **5**: Rad. 12, May 1917.

Radulum cuneatum Lloyd Myc. Writ. **5**: L. 62: 7, June 1916; **5**: Rad. 2, May 1917.

Specimens: 26212 (*Type*), *J. M. Grant*, 910, Sequim, Washington; 26209, *H. C. Gilbert*, Corvallis, Oregon. Specimens filed under *Radulum*.

MERULIUS DEBRISCOLUS Lloyd Myc. Writ. **7**: 1315, pl. 307 (f. 3008), Oct. 1924 (as *M. debriscola*).

Specimen: 19967 (*Type*), *James Mitchell*, Christchurch, New Zealand.

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MERULIUS ERECTUS Lloyd Myc. Writ. **6**: 1049, pl. 179 (f. 1945, 1946), May 1921.

Specimen: 19956 (*Type*), *M. S. Whetstone*, Minneapolis, Minnesota.

MERULIUS FUSCUS Lloyd Myc. Writ. **7**: 1348, March 1925.

Specimen: 19875 (*Type*), *L. Rodway*, 1323, Tasmania. No relation apparently with *M. fuscus* With. Brit. Pl. 3rd ed., p. 4: 149, 1796, hence if valid should be renamed.

MERULIUS GELATINOSUS Lloyd Myc. Writ. **7**: 1158, pl. 223 (f. 2293), July 1922.

Specimen: 19979 (*Type*), *A. V. Duthie*, 188, U. So. Africa. The specific name here should more correctly be *gelatinosus*. This latter name has been used by Petch, Ann. Roy. Bot. Gard. Peradeniya **9**: 315, 1925.

MERULIUS OCHRACEUS Lloyd Myc. Writ. **6**: 1059, pl. 182 (f. 1986, 1987), May 1921.

Specimen: 19970 (*Type*), *N. A. Nuñez*, Ecuador.

MERULIUS SUCCINEUS Lloyd Myc. Writ. **7**: 1272, pl. 286 (f. 2799), June 1924.

Specimen: 19955 (*Type*), *Ralph M. Nelson*, Minnesota.

OXYURIS

OXYURIS Lloyd (as McGinty) Myc. Writ. **4**: Fom. 261, f. 600, Jan. 1915.

Lloyd, more or less facetiously, suggests this name for polypores with the peculiar imbedded cystidia or setae characteristic of *Fomes pachyphloeus* Pat., which species would become the type. Later (Myc. Writ. **4**: L. 54, 7, Jan. 1915) he suggests that *Poria weirii* belongs to the genus, citing it, however, as *Oxyuria* rather than *Oxyuris*. The name may be ignored since Lloyd did not use it except for the above brief mention. Furthermore the name has been pre-empted by *Oxyuris* Linstow Centr. Bakt. **44**: 265, 1907.

PHAEODAEDALEA

PHAEODAEDALEA Lloyd (as McGinty).

This is another of the taxonomic pleasantries of the late Prof. N. J. McGinty and is "based on globose, colored spores." The genus (sic) is referred to on several occasions (Myc. Writ. **4**: L. 44: 9, Jan. 1913; **4**: L. 60: 15, Dec. 1915; **5**: L. 65: 14, March 1917). *Daedalea sprucei* being the type assigned. Except for the above fleeting references, the name was not used by Lloyd in formal publication, in labelling specimens in his collections, or elsewhere as far as known.

PHAEOTRAMETES

PHAEOTRAMETES Lloyd (as McGinty) Myc. Writ. **4**: 355-6, f. 690, June 1915.

Lloyd transfers *Hexagona decipiens* Berk. to *Polyporus* remarking in passing that, "Properly it is a new genus." *Phaeotrametes* McGinty, on the same principle (colored spores) that other similar new genera, *Phaeoradulum*, *Phaeocyphella*, etc., were manufactured." Later, he states that the species which he describes as new as *Polyporus deceptivus* "by rights goes in McGinty's genus *Phaeotrametes*." The name was not used in labelling specimens.

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POLYPORUS

POLYPORUS ACERVATUS Lloyd Myc. Writ. **6**: 1006, pl. 169 (f. 1847), Sept. 1920.
Chipp Garden Bull. Sts. Settle. **2**: 356, 1921.

Specimens: 43467 (*Type*), T. F. Chipp, 5391, Singapore, Dec. 1899; 43469, D. M. Rajan, 30, India. Lloyd states, "in reality a form of *P. grammacephalus*," and also suggests a possible affinity of this species with *P. angolensis*.

POLYPORUS ADUNCUS Lloyd Myc. Writ. **4**: L. 56: 5, 1915; **4**: Ap. 354, June 1915. Murr. Myc. **12**: 15, 1920.

Specimens: 21932 (*Type*), E. K. Abbott, Salinas, California; 15189, C. R. Stillinger, 563, Cheekeye, Brit. Columbia, April 1923.

POLYPORUS (GANODERMUS) AFRICANUS Lloyd Myc. Writ. **3**: Stip. 103, March 1912.

Specimen: 13292, Cole (?), 59, Sierra Leone, W. Africa, ex Ellis Herbarium. Lloyd applied this name to a specimen from Somerset-east, Cape of Good Hope (MacOwan, 1079), distributed by de Thuemen (Mycotheca Universalis, 708) as *Polyporus umbraculum* Fr. Not represented in herb. Lloyd. He also used the name (in herb.) for a specimen found in the herbarium of the New York Botanical Garden, which had apparently been named *Tyromyces africanus* by Murrill (in herb.) "I do not know if ever published and I think one of Ellis' leftovers."

POLYPORUS ALBERTINII Lloyd Myc. Writ. **3**: Stip. 160, f. 460, March 1912; **5**: L. 67: 13, July 1918.

Specimens: 54861, 54864, J. B. Cleland, 295, 442, New South Wales. The species is based on "a specimen at Kew (*Type*) from Endeavor River, Australia, referred by Cooke to *P. schweinitzii*." Lloyd notes in connection with the second Cleland specimen, "a stalked form of *P. hispidus*."

POLYPORUS ALBO-FUSCUS Lloyd Myc. Writ. **7**: 1318, pl. 312 (f. 3033), Oct. 1924.

Specimen: 19004 (*Type*), J. B. Cleland, 873, South Australia. Not *Coriolus (Irpex) albo-fuscus* Pat. Bull. Soc. Myc. France **23**: 181, 1907, which according to Bresadola (Sacc. Syll. Fungorum **23**: 376) is a form of *Daedalea stereoides* Fr.

POLYPORUS ALBOJAVENSIS Lloyd Myc. Writ. **7**: 1246, pl. 271 (f. 2661), Jan. 1924.

Specimen: 23974 (*Type*), W. Docteurs van Leeuwen, 650, Tjihodas, W. Java, Nov. 1921.

POLYPORUS ALBO-MOLLIS Lloyd in herb.

"Small, 1-2 cms. in diameter, sessile, pure white, not changing in drying. Surface dull but not hairy. Context white, soft. Pores rather large, one-half mm. in diameter with thin walls. Spores elliptical, 4x5-6 μ , smooth, hyaline, opaque. A very small species belonging to Section 87A, but not suggestive of others in this section. It might be sought in *Polystictus* in the section *P. biformis*. The small size, soft context, and rather large pores are its features."

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Specimen: 53408 (*Type*), J. Rick, Brasil. This name was used by Lloyd (Myc. Writ. **6**: 1088, May 1921) in reporting determinations to Rev. Rick and the above description filed with the specimen, but not published. Cited by Rick, Broteria Ser. Bot. **21**: 6, 1924.

POLYPORUS ALBOSPONGIA Lloyd Myc. Writ. **5**: L. 68: 8, Dec. 1918.

Lloyd applies the name to a specimen from C. Torrend, Brasil, which he originally named (Myc. Writ. **4**: L. 59: 6, Oct. 1915) *P. altocedronensis* Murr. The specimen has not been located.

POLYPORUS AMESH Lloyd Myc. Writ. **4**: Ap. 309, June 1915; L. 60: 9, Dec. 1915.

Specimens: 40845 (*Type*), 40846, F. H. Ames, Long Island, New York. "A form of *P. fumosus*. Distinct from *Poria amesii*." Murr. Mycologia **12**: 90, 1920. Lowe (Bull. N. Y. State College For. **6**^{1-b}: 86, 1934) notes, "Apparently a form of *P. fumosus*."

POLYPORUS ANGOLENSIS Lloyd Myc. Writ. **6**: 997, pl. 163 (f. 1801), Sept. 1920.

Specimens: 47975 (*Type*), 53733, J. Gossweiler, 291, 252, Angola, W. Africa.

POLYPORUS ANTILOPUS (Kalchbr.) Lloyd Myc. Writ. **3**: Stip. 142, March 1912; **5**: 810, f. 1263, Oct. 1918. Seaver and Chardon Sci. Survey P. R. **8**: 161, 1926.

Polyporus vibecinus Fr. var. *antilocpus* Kalchbr. Grev. **10**: 53, 1881.

Specimens: Madagascar, New Caledonia, Samoa, Java, India, New South Wales.

POLYPORUS ARATOIDES (Har. & Pat.) Lloyd Myc. Writ. **3**: Stip. 135, March 1912; **4**: L. 48: 4, Nov. 1913.

Trametes aratoides Har. & Pat. Journ. de Bot. **17**: 8, 1903.

"Only a form of *P. maliensis* Cke." Specimens from Madagascar filed under the latter name.

POLYPORUS ARENATUS Lloyd ex van Overeem Bull. Jard. Bot. Buitenzorg **4**: 67, 1922.

Van Overeem (loc. cit.) credits the name to Lloyd on the basis of Lloyd's use of the name (Myc. Writ. **3**: Stip. 126, March 1912). Both are in error as the name is *P. arcuatus* Pat. Jour. Bot. **3**: 256, 1889.

POLYPORUS ARENOSOBASUS Lloyd Myc. Writ. **6**: 919, pl. 144 (f. 1643), Jan. 1920.

Van der Bijl So. African Journ. Sci. **18**: 265, 1922.

Specimens: 56364 (*Type*), 56386, *P. van der Bijl*, 710, 1067, Durban, U. of So. Africa.

POLYPORUS AREOSUS Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2266), July 1922.

Specimens: 45597 (*Type*), 45595, E. B. Copeland. 153. 20. Phil. Islands, Jan.-Feb. 1904.

POLYPORUS ARMADILLUS Lloyd Myc. Writ. **6**: 1062, pl. 184 (f. 1998), May 1921.

Specimen: 36124 (*Type*), H. S. Yates, Bur. Sci. 36060, Isabela, Basilan Island, Phil. Islands, Nov.-Dec. 1919.

POLYPORUS ATER Lloyd Myc. Writ. **6**: 1003, pl. 166 (f. 1832), Sept. 1920; **7**: 1210, July 1923. Chipp Gard. Bull. Sts. Settlem. **2**: 357, 1921.

Specimens: 36107 (*Type*), M. Noor, 5383, Singapore, Dec. 1919; 36108, R. E. Holttum, 9317, Johore, Brit. Malaya, Nov. 1922.

POLYPORUS ATROHISPIDUS Lloyd Myc. Writ. **5**: 823, f. 1376, March 1919; **7**: 1128, Feb. 1922; **7**: 1184, Jan. 1923; **7**: 1329, 1332, pl. 319 (f. 3065), Oct. 1924.

Specimens: 21443 (*Type*), W. Stoward, West Australia; 3578-3583, 15193, 26067-26070, James Wilson, W. Stoward, J. T. Paul, J. B. Cleland, E. Jarvis, L. Rodway, E. J. Semmens, Australia and Tasmania. Lloyd states, "Very similar to *P. pelles*" and later (Myc. Writ. **7**: 1184) adds, "We are convinced they are the same." His specimens of the two were kept separate, however. See *Polyporus pelles*.

POLYPORUS ATRO-MACULUS Lloyd in herb.

"Growing effused with a narrow reflexed pileus. Surface dull, smooth, black, contrasting with the white context and pores. Context white, evidently changing to dark spotted. Pores very minute, white, spotted, black evidently when bruised. Cystidia none, spores not found. Distinctive features are the black surface, white but black spotted context and pores. The pores have a waxy appearance to the eye. I have no doubt but that this is one of those plants that when fresh spot red and then with age the spots turn dark (black or brown)."

Specimen: 23900 (*Type*), L. Rodway, 1154, Tasmania. This name was used by Lloyd (Myc. Writ. **7**: 1162, July 1922) in reporting determinations to L. Rodway, and the description filed with the specimen, but not published.

POLYPORUS ATROSTRIGOSUS Cooke Grev. **19**: 2, 1890.

In Saccardo's Syll. Fungorum **23**: 356, 1925, this species is attributed to Lloyd on the basis of his published note (Myc. Writ. **5**: 731, f. 1009, Nov. 1917) in which, however, by reference to a previous record (Myc. Writ. **4**: 375), he clearly indicates that he was crediting the name to Cooke. Cunningham (Trans. N. Z. Inst. **58**: 243, 1927) likewise attributes the species to Lloyd, as does Rick Broteria **4**: 23, 1935.

Specimens: An extensive series from New Zealand, Tasmania, and New South Wales.

POLYPORUS AUREOFULVUS Lloyd Myc. Writ. **7**: 1108, pl. 189 (f. 2045), Feb. 1922.

Specimen: 53411 (*Type*), G. H. Cunningham, 27, Weraroa, New Zealand, Sept. 1919. Cunningham in Trans. N. Z. Insti. **58**: 243, 1927, states that he will transfer the species to *Trametes* in a subsequent paper (which has not been located).

POLYPORUS AUREUS Lloyd Myc. Writ. **5**: L. 66: 8, Oct. 1917.

Specimen: 53410 (*Type*), M. F. Espinosa, 44, Santiago, Chile. This name has been used in at least two other instances, *P. (Trametes) aureus* Berk. Ann. Mag. Nat. Hist. **10**: 373-4, Jan. 1843, and *P. aureus* Secr. Myc. Suisse **3**: 153-4,

1833. If the *Espinosa* specimen proves on further study to be new, a new name should be provided.

POLYPORUS BALLOUI Lloyd Myc. Writ. **4**: L. 58: 7, July 1915; **7**: 1191, pl. 236 (f. 2395, 2396), July 1923. *Torrend Broteria* **21**: 40, 1924.

Polyporus rufescens Pers. var. *ballouii* Lloyd Myc. Writ. **4**: L. 49: 10, Jan. 1914. *Abortiporus tropicalis* Murr. *Trop. Polypores*, p. 50, 1915.

Specimens: 9214 (*Type*), 36317, 36318, *W. H. Ballou*. New York; 9215, 36319, *Burt Leeper*, Salem, Ohio; 9216, *C. E. Fairman*, Lyndonville, New York; 9217, *C. H. Kauffman*, Lake Cushman, Washington; 36316, *C. Torrend*, 180, Bahia, Brasil. Lloyd wavered in his opinion as to the validity of this species often adding to his determination label, "Only a small-pored form of *P. rufescens*," and similar comment. In his correspondence he, at one time, accused Mr. Ballou of having named the species after himself, but no evidence to this effect has been found. Lloyd maintained the species as distinct in arranging his specimens. He declines to use Murrill's name on the ground that the species is not primarily tropical. See further comment by Lowe, *Bull. N. Y. State College For.* **6**^{1-b}: 32, 1934.

POLYPORUS BANKERI Lloyd (as McGinty) Myc. Writ. **4**: Ap. 376, June 1915.

One of Mr. Lloyd's pleasantries. He here refers a specimen found in the Schweinitz Collection named by Banker as *Hydnum strigosum* Sw., and which Lloyd states is "*P. hispidus* with large split gills." The name should be deleted!

POLYPORUS BASILAPIDOIDES (MacAlp. & Tepp.) Lloyd Myc. Writ. **3**: Stip. 115, March 1912.

Laccocephalum basilapidoides MacAlp. & Tepp. *Proc. Roy. Soc. Victoria* **7**: 166-168, 1894.

Specimen: 29164, *J. G. O. Tepp*, Norwood, So. Australia.

POLYPORUS (AMAURODERMUS) BATHEI Lloyd Myc. Writ. **4**: L. 43: 2, Oct. 1912; L. 48: 3, f. 566, Nov. 1913. *Sacc. Syll. Fungorum* **23**: 354, 1925.

Specimen: 22862 (*Type*), *H. P. de la Bathie*, 842, Madagascar. On the label Lloyd says, "I found since at Kew the same in Wien exsiccati, 1909, which was received Nov. 1912 as *P. sikorae* Bres. Hennings also has a name for it, but in mss."

POLYPORUS BEARDSLEEII Lloyd Myc. Writ. **7**: 1330, pl. 317 (f. 3051), Oct. 1924.

Specimen: 36273 (*Type*), *H. C. Beardslee*, Florida.

POLYPORUS BIBULOSUS Lloyd Myc. Writ. **7**: 1329, pl. 314 (f. 3036), Oct. 1924.

Specimen: 3138 (*Type*), *R. E. Holttum*, 10945, Johore, Brit. Malaya, Feb. 1923.

POLYPORUS BIOGILVUS Lloyd Myc. Writ. **6**: 943, pl. 154 (f. 1744), Jan. 1920.

Chipp Garden Bull. Sts. Settlm. **2**: 357, 1921.

Specimens: 38206 (*Type*), *J. Gossweiler*, 62, Angola, Portuguese W. Africa; 45095, *T. F. Chipp*, 5092, Singapore, Sts. Settlements.

POLYPORUS BROCKESII Lloyd Myc. Writ. **4**: L. 42: 5, Oct. 1912.

Specimen: 29168 (*Type*), *Anna Brockes*, Crixas, Brasil.

POLYPORUS BRUNNEO-MACULATUS Lloyd Myc. Writ. **3**: Stip. 133, March 1912; **6**: 957, May 1920.

Specimen: 38395 (*Type*), *A. Kadir*, 5414, Singapore, Sts. Settlements, Dec. 1919. Lloyd is very indefinite concerning this species, merely stating, "Abundant specimens are at Kew named *brunneo-pictus* by Cooke from Malay . . . but with no resemblance to the original from Brasil." Bresadola refers the species to *Trametes badia* Berk. *substipitata* Bres. (Sacc. Syll. Fungorum **23**: 377, 1925).

POLYPORUS BURKILLII Lloyd Myc. Writ. **6**: 1061, pl. 183 (f. 1995), May 1921.

Specimen: 43262 (*Type*), *E. M. Burkill*, 347, comm. *T. F. Chipp*, Botanical Garden, Singapore, Sts. Settlements, June 1914.

POLYPORUS CAESPITOSUS (Murr.) Lloyd Myc. Writ. **3**: Stip. 156, March 1912; **4**: Ap. 311, June 1915.

Trametes caespitosa Murr. Bull. Torr. Bot. Club **34**: 473, 1907.

Specimen: 23902 (*ex-Type*, N. Y. Bot. Garden), *Elmer* 6951, Phil. Islands. In his unpublished manuscript on Philippine Polypores (1918) Lloyd refers the specimen to *Fomes abruptus* (Berk.) Lloyd stating, "*Tr. caespitosa* as to type at New York, Elmer 6951, but not the specimen distributed to Kew on which my record (Myc. Writ. **4**: Ap. 311) was made."

POLYPORUS CANTHARELLUS Lloyd Myc. Writ. **4**: L. 54: 5, Jan. 1915; **6**: 882, pl. 127 (f. 1515), Oct. 1919. Yasuda Bot. Mag. Tokyo **29**: (386), Nov. 1915; **31**: 56, 1917. Sacc. Syll. Fungorum **23**: 349, 1925.

Specimen: 37783 (*Type*), *A. Yasuda*, 259, Sendai, Japan, Sept. 1914. Lloyd refers to this species also, the specimen issued as No. 480, Fungi Malayana under the name of *P. rhombiporus* Pers. from the Philippine Islands (Myc. Writ. **6**: 882, pl. 127 [f. 1515], Oct. 1919).

POLYPORUS CAPENSIS Lloyd Myc. Writ. **5**: L. 63: 10, Nov. 1916.

Specimens: 14440 (*Type*), 14441-2, 18412-14, *P. van der Bijl*, 230, 441, 244, 214, 233, 218, U. of So. Africa; 14443, *A. V. Duthie*, 117, Stellenbosch, U. of So. Africa; 14444, *Malcolm Wilson*, U. of So. Africa; 14445, *J. Medley Wood*, Natal; 14439, 26862, *T. Hunter*, Coomassie, W. Africa; 14438, 26828, *C. Torrend*, 622, 813, Bahia, Brasil; 18415, *J. Rick*, Brasil.

POLYPORUS CARYOPHYLLEUS (Cke.) Lloyd Myc. Writ. **4**: Ap. 358, June 1915. Seaver and Chardon Sci. Survey P. R. **8**: 161, 1926.

Fomes caryophyllus Cke. Grev. **15**: 21, 1886.

Specimens: 18850, 54582-3, 54585, *J. Rick*, Brasil; 21899, *M. R. Espinosa*, 27, Chile; 54581, *F. J. Seaver*, 3013, Valencia, Trinidad, March 1931; 54584, *A. Yasuda*, 327, Sendai, Japan. Lloyd spells the specific name *caryophyllus*.

POLYPORUS CESATHI (Berk.) Lloyd Myc. Writ. **7**: 1223, pl. 252 (f. 2504), Sept. 1923.

NEW FUNGUS NAMES

Hexagonia cesatii Berk. in *Cesati Mycetum* Born., p. 8, 1879. Sacc. Syll. Fungorum **6**: 361, 1888.

No specimens found.

POLYPORUS (AMAURODERMUS) CHAPERI (Pat.) Lloyd Myc. Writ. **3**: Stip. 112, f. 406; 189, March 1912; **4**: L. 39: 8, Feb. 1912; L. 43: 6, Oct. 1912. Seaver and Chardon Sci. Survey P. R. **8**: 161, 1926.

Ganoderma chaperi Pat. Jour. Bot. **4**: 197, 1890.

Fomes chaperi Pat. after Sacc. Syll. Fungorum **9**: 176, 1891.

Specimens: 24001, *Gustave Peckolt*, Brasil; 26593, *C. Torrend*, Bahia, Brasil.

POLYPORUS CHOCOLATUS Lloyd Myc. Writ. **7**: 1194, pl. 240 (f. 2420), July 1923.

Polyporus chocolatus Bose Bull. Soc. Myc. Fr. **39**: 226, 1924.

Specimens: Based on a specimen from *Bose*, Coimbatore, India, not represented in the Lloyd herbarium.

POLYPORUS CONCHATUS Lloyd Myc. Writ. **5**: 700, f. 1048, July 1917. Van der Bijl So. African Journ. Sci. **18**: 265, 1922. Sacc. Syll. Fungorum **23**: 364, 1925.

Specimens: 13288 (*Type*), *P. van der Bijl*, Durban, U. So. Africa; 43134, *C. Torrend*, 698. Bahia, Brasil. The name is not tenable having been previously used by Fries, Quelet, and Schweinitz, and the plant must be renamed if upon study it appears to be distinct. Lloyd's earlier mention of the name (Myc. Writ. **4**: L. 50: 9, Nov. 1913) refers to the plant so named by Schweinitz.

POLYPORUS CONCHOIDES (Mont.) Lloyd Myc. Writ. **4**: Ap. 331, 1915; L. 52: 8, June 1914; L. 55: 2, March 1915; **5**: L. 62: 8, June 1916; **6**: 1044, pl. 176 (f. 1920), May 1921. Seaver and Chardon Sci. Survey P. R. **8**: 162, 1926.

Gloeoporus conchoides Mont. Pl. Cell. Cuba, p. 234, 1845.

Specimens: A considerable series from Cuba, Nicaragua, Brasil, W. Africa, Belgian Congo, Madagascar, U. of So. Africa, Ceylon, Brit. Malaya, and the Philippine Islands.

POLYPORUS (AMAURODERMUS) CONICUS Lloyd Myc. Writ. **4**: L. 48: 3, f. 567, Nov. 1913.

Ganoderma (?) *conicus* (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 408, 1925.

Specimen: 23961 (*Type*), *H. P. de la Bathie*, 1378, Madagascar.

POLYPORUS CONJUNCTUS Lloyd Myc. Writ. **5**: 812, f. 1266, Oct. 1918.

Specimen: 27109 (*Type*), *T. Hunter*, 129, Ashanti, W. Africa.

POLYPORUS CORNUCOPIAE Lloyd Myc. Writ. **7**: 1316, pl. 311 (f. 3025), Oct. 1924. Rick Broteria **3**: 189, 1934.

Specimen: 37704 (*Type*), *J. Rick*, São Leopoldo, Brasil.

POLYPORUS (AMAURODERMUS) COSTATUS Lloyd Myc. Writ. **4**: L. 56: 9, f. 710, 1915; **6**: 889, pl. 132 (f. 1542), Oct. 1919; 943, Jan. 1920; **7**: 1145, July 1922.

Ganoderma costatus (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 408, 1925.

Specimens: 27097 (*Type*), 29177, R. C. McGregor, Bur. Sci. 20289, Prov. Nueva Vizcaya, Luzon, Phil. Islands, Jan. 1913.

POLYPORUS CREMEO-TOMENTOSUS (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 152, f. 451, March 1912.

Fomes cremeo-tomentosus P. Henn. Hedw. **43**: 175, 1904.

No specimens in Lloyd Myc. Collections. *Type* at Berlin.

POLYPORUS CRETACEUS Lloyd Myc. Writ. **4**: Ap. 302, f. 640, June 1915.

Specimen: 22066, Tasmania (no other data available). In his index to the pamphlet *Apus Polyporus* Lloyd attributes this species to Berkeley, but no record has been found of the use of the name by the latter. It should be noted that Lloyd has labelled the above specimen *Type*.

POLYPORUS CROCEOPALLENS (Bres.) Lloyd Myc. Writ. **4**: Ap. 331, June 1915.
van Overeem Bull. Jard. Bot. Buitenzorg **4**: 68, 1922 (as *P. croceopallens* Lloyd).

Gloeoporus croceopallens Bres. Ann. Myc. **10**: 506, 1912.

Specimens: Not represented in the Lloyd herbarium.

POLYPORUS CYSTIDIODES Lloyd Myc. Writ. **6**: 1002, pl. 166 (f. 1826, 1827), Sept. 1920; **7**: 1133, Feb. 1922. Chipp Garden Bull. Sts. Settle. **2**: 358, 1921.

Specimens: 13297 (*Type*), comm. T. F. Chipp, 5357, Singapore, Sts. Settlements, Dec. 1919; 13294, C. Nacion, comm. O. A. Reinking, 9669, Mt. Maquiling, Phil. Islands, Sept. 1920. Published as *P. cystididoides*, but correctly spelled in the legend to Fig. 1826 and in a latter note (Myc. Writ. **7**: 1133).

POLYPORUS DAHLII P. Henn. in herb. Lloyd Myc. Writ. **4**: Ap. 373, June 1915.

Specimens: None in Lloyd herbarium. *Type* at Berlin from New Guinea.

POLYPORUS DECEPTIVUS Lloyd Myc. Writ. **7**: 1316, pl. 311 (f. 3024), Oct. 1924.

Specimen: 15208 (*Type*), R. E. Holttum, 12183, Kelantan, Brit. Malaya, 1924.

POLYPORUS DECIPIENS (Berk.) Lloyd Myc. Writ. **3**: Hex. 44, June 1910; **4**: Ap. 355, 377, f. 690, June 1915; **4**: L. 50, 8, Nov. 1913; L. 60: 11, Dec. 1915.

Hexagonia decipiens Berk. Trans. Linn. Soc. London, 2 ser., **2**: 53, 1882.

Specimens: Various from New So. Wales, Victoria, and W. Australia. Lloyd states that "Someone has transferred the species to *Trametes*." This transfer has not been traced. It should be noted, however, that Bresadola uses the name for a Torrend specimen from Brasil (Ann. Myc. **18**: 40, Aug. 1920).

POLYPORUS DISPANSUS Lloyd Myc. Writ. **3**: Stip. 192, f. 498, March 1912; **5**: L. 66: 10, Oct. 1917. Yasuda Bot. Mag. Tokyo **26**: (262), Aug. 1912. Rokuya Jour. Japan. Bot. **9**: 556-561, 1933.

Polyporus dispansus Yasuda Bot. Mag. Tokyo **31**: 55, 1917.

Specimens: 37907 (*Type*), 37906, A. Yasuda, 7, Sendai, Japan, Sept. 1909, and 1913. This species illustrates the difficulties which arise from Lloyd's policy of omitting author citations for fungi treated in his published records. The

first use of the above name is by Lloyd (loc. cit.). His descriptive notes and comment are typical of his method of treating a new species. In the index to the *Stipitate Polyporoids* he attributes the species to Yasuda, the collector, as was his custom, and this apparently led Yasuda to consider the species his own since the second specimen (37906) is labelled by him *P. dispansus* Yasuda. Lloyd's comment on this latter specimen (Myc. Writ. 5: L. 66: 10, Oct. 1917) clearly indicates that it is his own species, "We like to get these additional collections confirming species named. for one does not really know a species from a single collection." Yasuda at a later date (loc. cit.) cites the species as *P. dispansus* Yasuda sp. nov., but no published description by him has been found, nor other evidence to indicate that the species can be properly attributed to him.

POLYPORUS DORSALIS Lloyd Myc. Writ. 5: 658, f. 939, April 1917; 5: L. 69: 14, April 1919; 6: 1005, pl. 168 (f. 1841, 1842); 7: 1239, Jan. 1924. Rick Broteria Ser. Bot. 21: 7, 1924 (as *Ganoderma dorsale* Lloyd).

Specimens: 22965 (*Type*), J. Rick, Brasil, and many additional specimens from Brasil, Nicaragua, Honduras, Florida, Java, Singapore, the Philippine Islands, and Portuguese W. Africa. Lloyd attributed the species to Rick, the collector of the type, but it is clearly his own. The dorsal attachment of the stipe, on which character the species is based, is not constant and the species should not be recognized. Specimens attributed to it by Lloyd are heterogeneous in character, and when re-studied will be assigned to several previously named species. Lloyd himself considered it "A tropical form of *P. lucidus*."

POLYPORUS DUBIOCOCHLEAR Lloyd Myc. Writ. 4: L. 43: 2, Oct. 1912.

Ganoderma dubio-cochlear (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum 23: 401, 1925.

Specimen: 23595 (*Type*), H. P. de la Bathie, 841, Madagascar.

POLYPORUS DUBIOPANSUS Lloyd Myc. Writ. 3: Stip. 125, March 1912. Torrend Broteria Ser. Bot. 21: 13, 1924.

Specimen: 36121 (*Type*), L. Damazio, Serra do Frasão, Minas Geraes, Brasil. Lloyd later (Myc. Writ. 7: 1110, Feb. 1922) referred this specimen to *P. camerarius* Berk., thus reducing *P. dubiopansus* to synonymy.

POLYPORUS DUOSTRATOSUS Lloyd Myc. Writ. 7: 1317, pl. 312 (f. 3030), Oct. 1924.

Specimen: 15069 (*Type*), R. E. Holttum, 12184, Kelantan, Brit. Malaya, March 1924.

POLYPORUS DUROPORUS Lloyd Myc. Writ. 6: 1076, May 1921.

Specimen: 24138 (*Type*), 26867, H. H. Hu, Chekiang, China.

POLYPORUS EUZONATUS Lloyd Myc. Writ. 6: 892, pl. 133 (f. 1554), Oct. 1919.

Specimens: 3130 (*Type*), 3132, L. J. K. Brace, Bahamas. Lloyd later (Myc. Writ. 6: 593 (953), May 1920) reduced this species to synonymy with *P. endozonus* Fr.

POLYPORUS FARINOSUS Lloyd (?) Myc. Writ. **4**: Ap. 337, June 1915.

Specimen: 13309, *J. Rick*, Brasil. This specimen is labelled in Rick's handwriting *P. farinosus* Rick and is therefore presumably the same form described by Rick (*Broteria* **6**: 85, 1907), and possibly part of the type collection. Lloyd (loc. cit.) gives a brief description and states, "I know this only from a specimen named in mss. by Rick." In Saccardo's *Syll. Fungorum* **23**: 366, 1925, the species is attributed to Lloyd on the basis of the above citation with the added note that it is very similar to *P. farinosus* Rick (loc. cit.). This latter species has been re-named *P. rickianus* Sacc. & Trav. in *Sacc. Syll. Fungorum* **20**: 491, 1911; **21**: 282, 1912, since the combination *P. farinosus* was used earlier by Brefeld (*Unters. VIII*: 118, t. VII, f. 12-22, 1889). Under the circumstances Lloyd's use of the name should be deleted and the name *P. rickianus* Sacc. & Trav. used if the species is valid.

POLYPORUS FARLOWII Lloyd Myc. Writ. **4**: Ap. 363, f. 697, June 1915. Sacc. *Syll. Fungorum* **23**: 367, 1925. Murr. Myc. **12**: 17, 1920.

Lloyd states that the type is at Kew, the specimen having been collected in Arizona and sent by Farlow to Cooke. The species as such is not represented in the Lloyd collection. Critical study will reduce the species to synonymy.

POLYPORUS (AMAURODERMUS) FASCICULATUS (Pat.) Lloyd Myc. Writ. **3**: Stip. 117, March 1917; **6**: 942, Jan. 1920.

Ganoderma fasciculatum Pat. Bull. Soc. Myc. France **11**: 86, 1895.

Specimens: 23429, *G. Zenker*, Cameroon; 23430, 23431, *J. Gossweiler*, Angola; 23432, *E. Luja*, Belgian Congo; 23433, comm. *A. Trotter*, Belgian Congo.

POLYPORUS FIJI Lloyd Myc. Writ. **7**: 1112, pl. 194 (f. 2077), Feb. 1922.

Specimens: 3131 (*Type*), *J. B. Cleland*, 572, Fiji; 3133, 39392, *Peter Nelson*, Guam; 15186, 15204, *L. Rodway*, 324, 1353, Tasmania.

POLYPORUS FLABELLARI Lloyd.

See *Polystictus flabellaris* Lloyd.

POLYPORUS (GANODERMUS) FLEXIPES (Pat.) Lloyd Myc. Writ. **3**: Stip. 104, 178, March 1912.

Ganoderma flexipes Pat. Bull. Soc. Myc. France **23**: 75, 1907.

The name is preempted by *P. flexipes* Fr., and it will therefore be necessary to rename the species if *Ganoderma* is not recognized as a valid genus. The species is not represented in the Lloyd collections.

POLYPORUS FUMOSO-OLIVACEUS Lloyd Myc. Writ. **5**: L. 69: 13, April 1919. Petch *Ann. Roy. Bot. Gard. Peradeniya* **7**: 284, 1922. Butler and Bisby *Fungi of India*, p. 116, 1931.

Specimens: 53732 (*Type*), *T. Petch*, 5381, Ceylon; 13333, *S. R. Bose*, Calcutta, India.

POLYPORUS (AMAURODERMUS) FUSCATUS Lloyd Myc. Writ. **6**: 942, pl. 153 (f. 1740), Jan. 1920; **6**: 1021, Sept. 1920.

Specimens: 27132 (*Type*), J. Gossweiler, Angola, Portuguese W. Africa; 27126. Maitland, Uganda. This name is preempted by *P. fuscatus* Fr. Obs. **2**: 257, 1818; Hymen. Europ., p. 569, 1874, to say nothing of *P. fuscatus* Laz. Polip. Fl. España, p. 188, 1917. It must therefore be renamed, if critical study indicates that it is distinct from already described species in the group.

POLYPORUS FUSCELLUS Lloyd Myc. Writ. **6**: 1044, pl. 176 (f. 1919), May 1921.

Specimens: 56975 (*Type*), W. Docteurs van Leeuwen, 4130, Verlaten Island, Dutch East Indies. Concerning this species Lloyd says, "The surface to the eye is the same as that of *Trametes fuscillus*, but the pores are those of a *Polyporus*." Hence it is not clear whether he considered it as distinct or merely a form of *T. fuscillus* Lév.

POLYPORUS FUSCO-DRESDENSIS Lloyd Myc. Writ. **7**: 1112, pl. 193 (f. 2070), Feb. 1922.

Specimen: 53741 (*Type*), L. Rodway, 1084, Tasmania.

POLYPORUS FUSCO-MACULATUS Bres. & Pat. in Lloyd Myc. Writ. **1**: 49, May 1901; **3**: Stip. 130, f. 427, March 1912. Sacc. Syll. Fungorum **16**: 1115, 1902; **17**: 112, 1905.

Lloyd reduced this species to synonymy under *P. udus* Jungh. (Myc. Writ. **4**: L. 59: 7, Oct. 1915; **5**: L. 69: 14, April 1919), and the specimen on which the name was based (56970, C. G. Lloyd, 5004, Samoa, 1905) is filed under the latter name.

POLYPORUS FUSCO-MUTANS Lloyd Myc. Writ. **7**: 1158, pl. 223 (f. 2291), July 1922.

Specimen: 19014 (*Type*), Burt Leeper, Salem, Ohio, on *Quercus*.

POLYPORUS GILVO-RIGIDUS Lloyd Myc. Writ. **7**: 1334, pl. 320 (f. 3071), March 1925.

Polyporus rigidus Lloyd Myc. Writ. **7**: 1319, Oct. 1924. Nomen nudum. Non *P. rigidus* Lév.

Specimen: 15196 (*Type*), Helen K. Dalrymple, Dunedin, New Zealand. Reduced to synonymy with *P. gilvus* (Schw.) Fr. by Cunningham Proc. N. Z. Insti. **58**: 239, 1927.

POLYPORUS GLAUCOPORUS Lloyd.

See *Polystictus glaucoporus* Lloyd.

POLYPORUS GLOBOCEPHALUS Lloyd Myc. Writ. **5**: 652, f. 932, Feb. 1917. Torrend Broteria **22**: 15, 1926.

Specimen: 49720 (*Type*), C. Torrend, 608, Brasil.

POLYPORUS GOSSWEILERII Lloyd Myc. Writ. **5**: L. 67: 14, July 1918.

Specimen: 23954 (*Type*), J. Gossweiler, 95, Loanda, Portuguese W. Africa, March 1917.

POLYPORUS GRAMINICOLA (Murr.) Lloyd Myc. Writ. **5**: L. 66: 8, Oct. 1917 (as *P. grammicola*).

Tyromyces graminicola Murr. Tropical Polypores, p. 21, 1915.

Specimens: 15192, *C. Torrend*, Brasil; 37900, 38397, 38398, *L. J. K. Brace*, Bahamas; 38396, ex N. Y. B. G.

POLYPORUS GRANTH Lloyd Myc. Writ. **5**: 763, f. 1147, Feb. 1918. Murr. Myc. **12**: 18, 1920.

Specimen: 55117 (*Type*), *J. M. Grant*, 62, Montesano, Washington.

POLYPORUS GRANULATUS Lloyd Myc. Writ. **7**: 1113, pl. 195 (f. 2083), Feb. 1922.

Specimen: 56972 (*Type*), *H. Vanderyst*, 8540, Belgian Congo, Dec. 1920.

POLYPORUS GREENII Lloyd Myc. Writ. **5**: 843, f. 1410, April 1919.

Specimen: 43378 (*Type*), *Y. Nambu*, comm. *A. Yasuda*, 536, Mt. Rokko, Satsū, Japan, Aug. 1918. Yasuda, in submitting the specimen to Lloyd used the manuscript name *P. nambai* Yas., but Lloyd adopted the above name stating, "It is much better that hymenial variants of the same species should have the same specific names." At a later date Yasuda published the species as his own (*Bot. Mag. Tokyo* **33**: (140), June 1919; 141, f. 3, 1919), and it is so recorded in *Sacc. Sylloge Fungorum* **23**: 371, 1925. Priority, however, clearly rests with Lloyd.

POLYPORUS GRISEO-DURUS Lloyd Myc. Writ. **5**: L. 68: 12, Dec. 1918; **7**: 1131, 1132, Feb. 1922.

Specimens: 3576, *W. Docteurs van Leeuwen*, Java; 3577, *J. van Breda de Haan*, Java; 3589, *C. M. Weber*, 1284, Mindanao, Phil. Islands; 3590, *T. Petch*, 4256, Ceylon; 3591, *C. B. Ussher*, Java; 3592, *M. Gono*, Mt. Kasagi, Japan. No type specimen has been indicated by Lloyd; the Gono specimen, however, is the first specimen mentioned in the above reference.

POLYPORUS GUHAE Bose in Lloyd Myc. Writ. **7**: 1147, pl. 209 (f. 2204), July 1922. Also *Bot. Gaz.* **78**: 119, f. 1, Sept. 1924. Butler and Bisby *Fungi of India*, p. 116, 1931.

Specimen: 44156 (*Type*), *S. R. Bose*, Calcutta, India, July 1918. The first description cited above is Lloyd's, but he attributes the species to Bose, who suggested the name.

POLYPORUS HAEDINUS Lloyd Myc. Writ. **7**: 1194, pl. 240 (f. 2423), July 1923.

Specimen: 36271 (*Type*), *M. Ramos*, Bur. Sci. 39472, Palawan, Mindoro, Phil. Islands. Lloyd's species under this name apparently has no relation with *P. haedinus* Berk., described in 1856 from Brasil, and accordingly if critical study indicates that the present species is to be retained, it must be renamed.

POLYPORUS HENNINGSII Lloyd Myc. Writ. **3**: Stip. 105, f. 401, March 1912; **4**: L. 56: 8, 1915.

Lloyd bases this species on a specimen in the Herbarium at Berlin collected by Stahlman in Africa and referred to *P. emini* P. Henn. by Hennings. The name, however, is preoccupied by *P. henningsii* Bres. in *Sacc. Syll. Fungorum*

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9: 167, 1891 (see also Myc. Writ. **4:** Ap. 380, June 1915), and the species must be renamed if upon critical study its retention as such is found to be warranted. Not represented in the Lloyd collections.

POLYPORUS HIASCENS Lloyd Myc. Writ. **7:** 1109, pl. 190 (f. 2052), Feb. 1922. Rick Broteria Bot. Ser. **21:** 6, 1924 (as *P. hyascens* Lloyd). Rick Broteria **4:** 24, 1935.

Specimen: 53402 (*Type*), J. Rick, Brasil.

POLYPORUS HOOKERI Lloyd Myc. Writ. **4:** Ap. 348, f. 683, June 1915; **4:** L. 53: 8, Nov. 1914; **7:** 1234, pl. 262, (f. 2602), Sept. 1923. Butler and Bisby Fungi of India, p. 116, 1931.

Specimens: 21938, S. J. Bonansea, Mexico; 21939, V. Demange, Kiangsu, China; 21940, 21942, H. H. Hu, China; 21941, T. F. Chipp, Botanic Garden, Singapore. Lloyd based the species on a specimen at Kew collected in India by Hooker, and referred to *P. scruposus* Fr. var.

POLYPORUS HUII Lloyd in herb.

"Sessile, dimidiate, hard, thin. Surface uneven, pale reddish. Flesh hard, thin, pale, when broken somewhat punky, but hard when cut. Pores minute, hard, slightly darker than the context. Cystidia none. Spores $3 \times 5 \mu$. On account of the hard context I first inclined towards *Trametes*. It is close to *Polyporus humosus*, *P. calkinsii* of the United States, and *P. versiporus* of Japan."

Specimen: 23877 (*Type*), 23876, H. H. Hu, 9, 15, Chekiang, China. This name was used by Lloyd in reporting determinations to H. H. Hu (Myc. Writ. **6:** 1075, May 1921), and the description filed with the specimen, but not published.

POLYPORUS IMPORCATUS Lloyd Myc. Writ. **7:** 1238, pl. 266 (f. 2625), Jan. 1924.

Specimen: 43463 (*Type*), W. Docteurs van Leeuwen, Tjibodas, W. Java, March 1921.

POLYPORUS INDURATUS Lloyd Myc. Writ. **5:** L. 68: 11, Dec. 1918.

Specimen: 5459 (*Type*), W. B. McDougall, Urbana, Illinois. The name is preempted having been used by Berkeley for a specimen from St. Helena (in Mellis, St. Helena, p. 380, pl. 56, f.e., London, 1875); as well as by Peck (Report Botanist N. Y. **31:** 37, 1879) for a resupinate form from New York State. If Lloyd's species proves to be distinct it must be renamed.

POLYPORUS INFULGENS Lloyd Myc. Writ. **5:** 656, f. 938, April 1917.

Ganoderma infulgens (C. Torr.) Sacc. & Trott. in Sacc. Syll. Fungorum **23:** 407, 1925.

Specimens: 23405 (*Type*), 23406. C. Torrend. 616, 398, Brasil. As will be noted Saccardo and Trotter credit the original description to C. Torrend, the collector, but in error.

POLYPORUS INFUNDIBULIFORMIS (Wakef.) Lloyd Myc. Writ. **7:** 1261, pl. 280 (f. 2763), Jan. 1924.

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Amauroderma infundibuliforme Wakef. Kew Bull. 1917: 309, 1917.

Ganoderma infundibuliforme (Wakef.) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 406, 1925.

Specimens: 27127 (part of *Type*), 27131, *E. Wakefield*, Uganda, E. Africa. The name has been used before, as *P. infundibuliformis* Chev. Fl. Paris **1**: 250, 1826, and *P. infundibuliformis* Secr. Myc. Suisse **3**: 60-61, 1833. This is immaterial, since most workers will accept either *Ganoderma* or *Amauroderma*.

POLYPORUS (AMAURODERMUS) INOPINUS Lloyd Myc. Writ. **5**: 802, f. 1244, Oct. 1918. Rick Broteria Ser. Bot. **21**: 6, 1924.

Specimen: 23592 (*Type*), *J. Rick*, Brasil.

POLYPORUS INTACTILIS Lloyd Myc. Writ. **6**: 887, pl. 130 (f. 1537), Oct. 1919. T. Petch Ann. Royal Bot. Garden, Peradeniya **7**: 284, 1922.

Specimens: 22041 (*Type*), *T. Hunter*, 187, W. Africa; 3140, *H. Vanderyst*, 11464, Belgian Congo; 3141, *P. van der Bijl*, 884, U. So. Africa; 3143, *T. Petch*, 3448, Ceylon; 21933, *L. Rodway*, 1137, Tasmania; 22040, *A. M. Bottomley*, 14113, Victoria Falls, Rhodesia; 22042, *H. H. Hu*, Kiangsu, China.

POLYPORUS INUSITATUS Lloyd Myc. Writ. **7**: 1334, pl. 320 (f. 3072), March 1925.

Specimen: 43474 (*Type*), *R. E. Holttum*, 10936, Johore, Brit. Malaya, June 1923.

POLYPORUS IOWENSIS Lloyd Myc. Writ. **7**: 1363, pl. 344 (f. 3257), July 1925. Wolf Univ. Iowa Stud. Nat. Hist. **14**: 63, 1931.

Specimen: 5658 (*Type*), *G. W. Martin*, 482, Iowa City, Iowa, Oct. 1924.

POLYPORUS ITOI Lloyd Myc. Writ. **7**: 1274, pl. 288 (f. 2816), June 1924.

Specimen: 22059 (*Type*), *S. Ito* (comm. *K. Miyabe*), Barato near Sapporo, Hokkaido, Japan, on *Salix*.

POLYPORUS JUNCTUS Lloyd Myc. Writ. **7**: 1317, pl. 311 (f. 3028), Oct. 1924.

Specimen: 23907 (*Type*), *K. Masui*, Univ. Kyoto, Japan.

POLYPORUS (AMAURODERMUS) JUXTARUGOSUS Lloyd Myc. Writ. **6**: 1096, May 1921.

Specimen: 27116 (*Type*), *T. Yoshinaga*, Godaisan, Tosa, Japan, Oct. 1919.

POLYPORUS KRAKATANI Lloyd Myc. Writ. **7**: 1242, pl. 269 (f. 2645), Jan. 1924.

Specimen: 44133 (*Type*), *W. Docteurs van Leeuwen*, 712, Island of Krakatoa, Dutch East Indies, Jan. 1922.

POLYPORUS LABIS Lloyd Myc. Writ. **7**: 1191, pl. 236 (f. 2397), July 1923.

Specimen: 23591 (*Type*), *M. Ramos*, 97 A, near Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

POLYPORUS LATERITIUS Lloyd Myc. Writ. **5**: L. 67: 12, July 1918; **6**: 1089, May 1921.

Specimen: 53404 (*Type*), *J. B. Cleland*, 363, Sydney, New So. Wales. Lloyd indicates that this species is distinct from *Fomes lateritius* Cooke Grev. **9**: 12,

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1880, which was originally named as *Polyporus lateritius* by Cooke. He says, "Some future nomenclatural purist may claim it is a bar to using the name for the Australian species now, and propose to change it. People are beginning to see through the trickery of such cheap proposals, however, and there is not as much chance as at one time."

POLYPORUS (GANODERMUS) LAUTERBACHII (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 102, March 1912.

Fomes lauterbachii P. Henn. Engl. Jahrb. **25**: 499, 1898.

Specimen: 23968, J. Rick, Brasil. "Merely a form of *P. lucidus*."

POLYPORUS LENTINOIDES (P. Henn.) Lloyd Myc. Writ. **3**: Ov. 85, Oct. 1911; Stip. 168, March 1912; **5**: L. 69: 14, April 1919.

Polyporus squamosus lentinoides P. Henn. Hedw. **43**: 199, May 1904.

Specimens: 57403, J. Rick, Brasil; 57404, J. B. Cleland, 97, Sydney, New So. Wales.

POLYPORUS LEUCOCREAS (Pat. & Har.) Lloyd Myc. Writ. **6**: 999, pl. 164 (f. 1811), Sept. 1920.

Ganoderma leucocreas Pat. & Har. Bull. Soc. Myc. France **28**: 281, 1912.

Non *Polyporus leucocreas* Cke. Grev. **8**: 55, Dec. 1879.

Specimens: None in Lloyd collections. The species might better be left in *Ganoderma*.

POLYPORUS LUTEOLUTEUS Lloyd (as McGinty) Myc. Writ. **3**: Ov. 90, Oct. 1911; Stip. 170, March 1912.

Scutiger laeticolor Murr. Bull. Torr. Bot. Club **30**: 428, 1903.

Non *Polyporus laeticolor* Berk. Journ. Linn. Soc. London **16**: 46, 1878.

Specimen: Not represented in the Lloyd Collections.

POLYPORUS MACULATISSIMUS Lloyd Myc. Writ. **7**: 1113, pl. 194 (f. 2082), Feb. 1922.

Specimens: 3126 (*Type*). 43121, L. Rodway, 1037, 1129, Tasmania. Cunningham (Trans. N. Z. Insti. **58**: 237, 1927) considers this species synonymous with *P. eucalyptorum* Fr.

POLYPORUS MADAGASCARENSIS Lloyd Myc. Writ. **4**: L. 48: 6, Nov. 1913; **4**: Ap. 331, June 1915.

Specimens: 20735 (*Type*). 20734, 21625, H. P. de la Bathie, Madagascar. Lloyd considered this species as close to, if not a variety of, *Polyporus dichrous* Fr. He attributes the species (loc. cit.) to Bathie, but it is clearly his own.

POLYPORUS MAGNOPORUS Lloyd Myc. Writ. **7**: 1111, pl. 192 (f. 2063), Feb. 1922.

Specimen: 43257 (*Type*), James Wilson, Victoria, Australia.

POLYPORUS MAGNOVARIUS Lloyd Myc. Writ. **7**: 1192, pl. 237 (f. 2402), July 1923. Rick Broteria Ser. Bot. **21**: 6, 1924.

Specimen: 43240 (*Type*), J. Rick. Rio Grande do Sul, Brasil. Reported by Rick. Broteria Cienc. Nat. **3**: 188, 1934. as *P. varius* Fr. var. *magnovarius* Lloyd.

POLYPORUS MALICOLA Lloyd.

See *P. spumeus* var. *malicolus* Lloyd.

POLYPORUS MALAIENSIS (Cke.) Lloyd Myc. Writ. 3: Stip. 135, March 1912.

Polystictus malaiensis Cke. Grev. 14: 13, 1885.

Polystictus malacensis Cke. in Sacc. Syll. Fungorum 6: 227, 1888, in error.

Specimens: Lloyd referred here an extensive series of specimens (31) from the Philippine Islands, Singapore, Malay States, Ceylon, India, New Caledonia, Madagascar, Belgian Congo, Cameroon, and Angola. Both Lloyd and Saccardo misspelled the specific name, the former writing it *maliensis*, both on the specimen labels and in his published account.

POLYPORUS MALNOMINUS Lloyd Myc. Writ. 3: Stip. 187, f. 495, March 1912.

Specimen: 31225 (ex-type in Paris Museum [?]), Mexico. Lloyd attributed the species (loc. cit.) to LaSalle who was presumably the collector. Referred to *P. teysmanni* Berk. by Cooke.

POLYPORUS MANILAENSIS Lloyd Myc. Writ. 5: L. 68: 12, Dec. 1918; 7: 1131, 1132, Feb. 1922. Butler and Bisby Fungi of India, p. 117, 1931.

Specimens: 3596 (Type), *P. W. Graff*. Bur. Sci. 16795, Manila, Philippine Islands (at N. Y. B. G. as *P. ostreiformis*); 23890, *D. M. Rajan*, India.

POLYPORUS MARCUCCIANUS Lloyd Myc. Writ. 4: Ap. 348, June 1915. Sacc. Syll. Fungorum 23: 367, 1925.

Specimen: 21898 (Type), from "Southern Italy or one of the Mediterranean Islands," originally distributed by Marcucci (Univ. it. 70) as *Polyporus fulvus* Scop.

POLYPORUS MEDULLAE Lloyd Myc. Writ. 7: 1330, pl. 317 (f. 3049), Oct. 1924.

Specimen: 16753 (Type), *H. H. Hu*, China.

POLYPORUS MELANOPORUS Lloyd Myc. Writ. 6: 1087, May 1921.

Specimen: 13301 (Type), *R. C. McGregor*. Bur. Sci. 20053, Phil. Islands. Lloyd states that this species "Is intermediate between *P. vinosus* and *Fomes melanoporus* Mont."

POLYPORUS MESOTALPAE Lloyd Myc. Writ. 4: 564, f. 771, March 1916. Petch Ann. Roy. Bot. Gardens Peradeniya 6²: 40, 1916.

Specimen: 34645 (Type), *T. Petch*, 4467, Peradeniya, Ceylon, Oct. 1914.

POLYPORUS METALLICUS Lloyd Myc. Writ. 6: 1099, May 1921.

Specimens: 9195 (Type), *C. G. Lloyd*, Ithaca, New York; 23597, *Roy Latham*, Peconic, New York; 23963, *W. C. MacClement*, Nova Scotia; 23964, *Hugo Bilgram*, Philadelphia. "Only a weathered form of *P. lucidus*." Lowe (Bull. N. Y. State College For. 6^{1-b}: 125, 1934) definitely reduces the species to synonymy under *Ganoderma lucidum* (Leyss.) Karst.

POLYPORUS MIKADOI Lloyd Myc. Writ. 4: L. 43: 3, Oct. 1912; 4: Ap. 360, f. 695, June 1915. Yasuda Bot. Mag. Tokyo 27: (71), Jan. 1913; 28: (357), Aug.

1914. Sacc. Syll. Fungorum **23**: 367. 1915. Matsuura and Kanada Trans. Tottori Soc. Agri. Sci. **3**: 109, 1931.
- Polyporus mikadoi* Umemura in Yasuda Bot. Mag. Tokyo **31**: 54, 1917 (nomen nudum).
- Specimens*: 40485 (*Type*), 40483, 40484, T. Yoshinaga, Japan, 1910; 40486-40490, A. Yasuda, Japan; 40491, J. Umemura, Japan; 40492, K. Masui, Kyoto, Japan. Lloyd (unpublished note) states, "I expect it will not be possible to consider it distinct from *P. cuticularis*. I find setae in this collection (40489) and that was the main factor influencing me to hold it as distinct."
- POLYPORUS MIKAWAI** Lloyd Myc. Writ. **4**: L. 54: 5, Jan. 1915; L. 56: 12, f. 716, 1915. Yasuda Bot. Mag. Tokyo **29**: (236), July 1915; **31**: 55, 1917. Sacc. Syll. Fungorum **23**: 357, 1925.
- Specimen*: 44493 (*Type*), A. Yasuda, 250. Prov. Mikawa, Japan, July 1914.
- POLYPORUS MINDOROI** Lloyd Myc. Writ. **7**: 1261. pl. 280 (f. 2761), Jan. 1921.
- Specimen*: 19638 (*Type*), E. B. Copeland, 380, Davao, Mindanao, Phil. Islands, on *Areca catechu*, 1904. Lloyd undoubtedly intended to name this species after the Island of Mindanao on which it was collected and in fact his original label reads *P. mindanaoi*. A lapsus plumae! C. J. Humphrey further informs us that the specimen at Kew is endorsed in Lloyd's writing, "Polyporus mindanoi, based on this collection." Lloyd comments further, "Originally named by Murrill as *Elfyngia* (*Fomes*) *tornatus* (Pers.) Murr., and so distributed to various herbaria."
- POLYPORUS MINUTO-DURUS** Lloyd Myc. Writ. **7**: 1109. pl. 190 (f. 2050), Feb. 1922.
- Specimen*: 23885 (*Type*), Nelson A. Nuñez, 98, Ecuador.
- POLYPORUS MINUTOFRUTICUM** Lloyd Myc. Writ. **4**: L. 48: 6, Nov. 1913; **4**: Ap. 366, June 1915. Sacc. Syll. Fungorum **23**: 367, 1925.
- Specimen*: The species based on a specimen collected by H. P. de la Bathie in Madagascar, which is not present in the Lloyd collections.
- POLYPORUS (GANODERMUS) MOLLICARNOSUS** Lloyd Myc. Writ. **4**: L. 60: 11. Dec. 1915. Van der Bijl So. African Journ. Sci. **18**: 264, 1922.
- Ganoderma mollicarnosum* (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 401, 1925.
- Specimen*: 54304 (*Type*), I. B. Pole-Evans, 58, Pretoria, U. of So. Africa.
- POLYPORUS MOLLICULUS** Lloyd Myc. Writ. **6**: 940. pl. 152 (f. 1732), Jan. 1920.
- Specimen*: 53422 (*Type*), T. Petch, 5968. Ceylon. Bresadola, to whom Lloyd sent part of his material, published the species as new some months later than Lloyd (Ann. Myc. **18**: 33, Aug. 1920), and the species is attributed to the former by Saccardo and Trotter (Sacc. Syll. Fungorum **23**: 352, 1925). There is nothing in the two published descriptions, or in Lloyd's notes filed with the specimen, to indicate that Bresadola rather than Lloyd was in any way responsi-

ble for the name. Petch credits the species to Lloyd (Ann. Royal Bot. Garden Perideniya **7**: 284, 1922).

POLYPORUS MOLLITEXTUS Lloyd Myc. Writ. **6**: 880, pl. 125 (f. 1508), Oct. 1919.

Specimen: 43126 (*Type*), T. Hunter, 258, Ashanti, W. Africa.

POLYPORUS MOTUS Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2263), July 1922.

This species is based on a specimen collected by Mrs. Clemens on the Island of Mindanao, Philippine Islands, and referred by Murrill to *P. clemensiae* Murr. No specimens are to be found in the Lloyd collections under the name *P. motus*, and two specimens in the collection listed as *P. clemensiae* are distinct from that described and figured under the former name. Rick (Broteria **3**: 183, 1934) refers Brazilian material to this species stating, "*P. clemensiae* videtur esse idem."

POLYPORUS MULTILOBATUS Lloyd Myc. Writ. **7**: 1146, pl. 209 (f. 2196), July 1922.

Specimens: 37902 (*Type*), 37901, L. J. K. Brace, Bahamas.

POLYPORUS MULTIPLEX Berk. (ined.) in Lloyd Myc. Writ. **3**: Stip. 152, March 1912.

Specimen: At Kew from Mueller, Australia (*Type*).

POLYPORUS MULTISETOSUS Lloyd Myc. Writ. **6**: 976, May 1920.

Specimen: 21912 (*Type*), E. J. Semmens, Bendigo, Australia.

POLYPORUS MUNZII Lloyd Myc. Writ. **7**: 1163, July 1922.

Specimen: 18867 (*Type*). P. A. Munz, 5304, near Corn Springs, Colorado Desert, California, April 1922.

POLYPORUS MURRILLII Lloyd Myc. Writ. **5**: 857, f. 1438, June 1919.

Specimen: 56978, M. E. Peck, British Honduras (ex Ellis Herb., N. Y. B. G. as *P. veracruzis* Cke.).

POLYPORUS MUSASHIENSIS (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 135, f. 436, March 1912; **7**: 1110, pl. 191 (f. 2057), Feb. 1922.

Fomes musashiensis P. Henn. Engl. Bot. Jahrb. **31**: 737, 1902.

Specimens: 34638-41, 34281-2, J. Umemura and other collectors, Japan.

POLYPORUS NEOFULVUS Lloyd Myc. Writ. **4**: L. 60: 13, Dec. 1915. Rick Broteria **4**: 22, 1935.

Specimens: 43957 (*Type*), 23886, 23888, J. Rick, Brasil.

POLYPORUS (AMAURODERMUS) NIGER Lloyd Myc. Writ. **6**: 881, pl. 126 (f. 1513), Oct. 1919.

Specimen: 29165 (*Type*), G. Zenker, Cameroons, W. Africa. Distinct from *P. niger* Berk. Lond. Journ. Bot. **4**: 304-5, 1845. If critical study indicates the Cameroon species is distinct, it should be renamed.

POLYPORUS NIGROCRUSTOSUS Lloyd Myc. Writ. **4**: Ap. 373, June 1915. Sacc. Syll. Fungorum **23**: 366, 1925. Butler and Bisby Fungi of India, p. 117, 1931.

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Specimen: 54590 (*Type*), *H. Val Ryan*, Dodabetta, India, Oct. 1911. Lloyd follows his usual custom and cites the collector as the author of the species in his index of "advertisements."

POLYPORUS NIGROLUCIDUS Lloyd Myc. Writ. **6**: 925, pl. 146 (f. 1664), Jan. 1920.
Van der Bijl So. African Journ. Sci. **18**: 266, 1922.

Specimen: 22888 (*Type*), *P. van der Bijl*, Durban, U. So. Africa.

POLYPORUS NIGROPORUS Lloyd Myc. Writ. **7**: 1238, pl. 266 (f. 2629), Jan. 1924.

Specimens: 40499 (*Type*), *Ramos and Edaño*, Bur. Sci. 36392, Malangas, Mindanao, Phil. Islands, Oct.-Nov. 1919; 40496, *P. Dakkus*, Buitenzorg, Java; 40497, *W. Docteurs van Leeuwen*, Tjibodas, Java; 40498, *C. van Overeem*, Tjibodas, Java; 40495, *C. B. Robinson*, 2111, Amboina.

POLYPORUS NIGRO-RUGOSUS Lloyd Myc. Writ. **7**: 1270, pl. 282 (f. 2775), June 1914.

Specimen: 23896 (*Type*), *Fr. Sanchez*, Phil. Islands, Sept. 1922.

POLYPORUS NONGRAVIS Lloyd Myc. Writ. **6**: 891, pl. 133 (f. 1552), Oct. 1919.
Petch Ann. Royal Bot. Garden Peradeniya **7**: 284, 1922.

Specimen: 53405 (*Type*), *T. Petch*, 4462, Peradeniya, Ceylon.

POLYPORUS OBNIGER Lloyd Myc. Writ. **5**: 632, f. 901, Jan. 1917.

Specimen: 44152 (*Type*), *F. Stoward*, Leedersville, W. Australia.

POLYPORUS OCHROGILVUS Lloyd Myc. Writ. **7**: 1299, June 1924.

Specimen: 3139 (*Type*), *F. Felippone*, 2188, Uruguay. Not distinct from *P. gilvus*.

POLYPORUS ORIENTALIS Lloyd Myc. Writ. **3**: Stip. 193, f. 499, March 1912;
4: L. 60: 13, Dec. 1915. *Yasuda* Bot. Mag. Tokyo **28**: (195), April 1914.
Sacc. Syll. Fungorum **23**: 371, 1925.

Polyporus orientalis Umemura in *Yasuda* Bot. Mag. Tokyo **31**: 55, 1917.

Specimens: 57553 (*Type*), *J. Umemura*, Okazaki, Japan; 57554, 57555, *A. Yasuda*, Japan.

POLYPORUS ORONIGER Lloyd Myc. Writ. **6**: 1044, pl. 177 (f. 1921), May 1921.

Specimen: 18986 (*Type*), *E. D. Merrill*, Phil. Islands.

POLYPORUS PALLIDO-SPORUS Lloyd Myc. Writ. **5**: L. 63: 13, Nov. 1916. *Torrend* *Broteria* **22**: 18, 1926.

Specimen: 37790 (*Type*), *C. Torrend*, 594, Brasil. *Trotter* (*Sacc. Syll. Fungorum* **23**: 350, 1925) attributed the species to *Torrend*, but it is clearly Lloyd's.

POLYPORUS PALPEBRALIS Lloyd Myc. Writ. **3**: Stip. 184, f. 488, March 1912.

Specimen: None in the Lloyd collection. "Based on a specimen at Paris collected in French Guiana by *Leprieur* and labelled by *Montagne*, 'ciliaris vel affinis.'"

POLYPORUS PAPILLATUS Lloyd Myc. Writ. **4**: 567, f. 773, 774, March 1916.

Ganoderma papillatum (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 408, 1925.

Specimen: 27107 (*Type*), C. Torrend, 572, Brasil.

POLYPORUS PATOULLARDII (Rick) Theiss. Dec. fungorum brasiliensium.

Polystictus patouillardii Rick Broteria **6**: 89, 1907.

Specimens: Lloyd referred here some thirty specimens from Brasil, California, India, Japan, Philippine Islands, New So. Wales, and the Union So. Africa. Saccardo and Trotter (Sacc. Syll. Fungorum **23**: 36, 1925) credit the species to Lloyd without reference to Rick, but in-as-much as Theissen distributed material of the species (Decades fungorum brasiliensium 178) collected by Rick in 1908 as *Polyporus* the proper combination would appear to be *P. patouillardii* (Rick) Theiss. Lloyd (Myc. Writ. **4**: Ap. 365, 391, June 1915) attributes the species to Rick.

POLYPORUS PAULENSIS (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 126, March 1912.

Fomes paulensis P. Henn. Hedw. **43**: 202, May 1904.

Specimen: None in the Lloyd collections under this name. Lloyd later (Myc. Writ. **7**: 1110, Feb. 1922) suggests that this species is synonymous with *P. camerarius* Berk.

POLYPORUS PEAKENSIS Lloyd Myc. Writ. **6**: 933, pl. 149 (f. 1697), Jan. 1920.

Specimen: 44476 (*Type*), George G. Hedgcock, Pikes Peak, Colorado, Sept. 1909, on *Pseudotsuga taxifolia*. Shope (Ann. Mo. Bot. Garden **18**: 349, 1931) refers this species to synonymy under *P. circinatus* Fr.

POLYPORUS PECTUNCULUS Lloyd Myc. Writ. **7**: 1315, pl. 307 (f. 3009), Oct. 1924.

Non *Polystictus pectunculus* Lév. Ann. Sci. Nat. V, **3**: 138, 1846.

Specimen: 23901 (*Type*), P. van der Bijl, Stellenbosch, U. So. Africa.

POLYPORUS PELLIS Lloyd Myc. Writ. **4**: Ap. 327, June 1915.

Specimens: 3584 (*Type*), E. Jarvis, Queensland; 53423, J. B. Cleland, 789, Adelaide, So. Australia. Lloyd later (Myc. Writ. **7**: 1184, Jan. 1923) states, "We are convinced *P. pelles* and *P. atrohispidus* are the same. Both have just been received from Dr. Cleland and I judge he thinks the same."

POLYPORUS PERELEGANS Lloyd in herb.

"Hard, ligneous, rigid, stipitate with a thick mesopodial stem, evidently growing in the ground. Color pale, isabelline, but no doubt white when fresh. Pileus surface glabrous, but soft to the touch, wrinkled. Pores minute, round, concolorous. Cystidia none. Spores not found. This we would class in section 10 of our stipitate polypores. The pores have formed a second layer, hence for some workers would be called *Fomes*, but we look on that more as an aberration than as a character. We think there are no stipitate species of *Fomes*."

Specimen: 13956 (*Type*), C. Torrend, Bahia, Brasil. This name was used by Lloyd in reporting determinations to C. Torrend (Myc. Writ. **7**: 1321, Oct. 1924), and the description filed with the specimen, but not published.

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POLYPORUS (GANODERMUS) PERTURBATUS Lloyd Myc. Writ. **5**: L. 68: 11, Dec. 1918.

Specimens: 22864 (*Type*), 55740, J. Rick, Brasil. Distributed by Rick as *Polyporus formosissimus* Speg. and referred to under various names by Lloyd before he named it as above (Myc. Writ. **4**: L. 47: 15, Nov. 1913; **4**: L. 56: 8, 1915; **5**: L. 63: 12, Nov. 1916).

POLYPORUS PERVERSUS Lloyd Myc. Writ. **3**: Stip. 136, 191, f. 438, March 1912.

Van Overeem Bull. Jard. Bot. Buitenzorg **4**: 70, 1922.

Specimens: 2676 (*Type*), 2678, 43487, 43965, E. B. Copeland, 18, Gimagaan River, Negros, Phil. Islands, Jan. 1904, on rotten palm trunks; 43964, 43966, 43967, 43968, 43969, Bureau Science collectors, Phil. Islands; 43958, C. G. Lloyd, Samoa; 43977, W. Docteurs van Leeuwen, 3698, Java.

POLYPORUS PICIPES Fr. var. CASTANEUS Lloyd Myc. Writ. **5**: L. 66: 16, Oct. 1917.

Specimen: 37702 (*Type*), J. M. Grant, Montesano, Washington.

POLYPORUS POCULA (Schw.) B. & C. var. LONGIPES Lloyd Myc. Writ. **3**: Pol. 46, f. 371, Aug. 1910.

Specimens: None in the Lloyd collections, the variety based on a specimen in the Berlin Museum from Brasil.

POLYPORUS PONCEI Lloyd Myc. Writ. **7**: 1191, pl. 235 (f. 2394), July 1923.

Specimen: 18973 (*Type*), B. Ponce, comm. O. A. Reinking, 5142, Mt. Maquiling, Laguna, Phil. Islands, Aug. 1919.

POLYPORUS PREUSSII (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 124, March 1912.

Ganoderma preussii P. Henn. Engl. Bot. Jahrb. **14**: 342, 1891.

Specimens: None in Lloyd collections.

POLYPORUS PROFISSILIS Lloyd Myc. Writ. **5**: 810, f. 1262, Oct. 1918. Yasuda Bot. Mag. Tokyo **34**: (67), Feb. 1920 (attributed to Yasuda).

Specimen: 19005 (*Type*), A. Yasuda, 493, Prov. Rikuzan, Japan, Nov. 1917.

POLYPORUS PROPINQUUS Lloyd Myc. Writ. **7**: 1109, pl. 190 (f. 2018), Feb. 1922.

Specimen: 37754 (*Type*), L. J. K. Brace, Bahamas.

POLYPORUS PROPRIUS Lloyd Myc. Writ. **7**: 1328, Oct. 1924.

Specimens: None to be found in the Lloyd collections: the species based on a specimen collected by James Mitchell, New Zealand. Re-described by Cunningham Trans. N. Z. Insti. **58**: 238, 1927.

POLYPORUS PSEUDOFRICTICUM Lloyd Myc. Writ. **4**: L. 54: 4, Jan. 1915; **4**: Ap. 346, June 1915. Sacc. Syll. Fungorum **23**: 367, 1925.

Specimen: 9806 (*Type*), C. Torrend, 59, Bahia, Brasil.

POLYPORUS PSEUDOGILVUS Lloyd Myc. Writ. **6**: 940, pl. 152 (f. 1733), Jan. 1920.

Specimen: 21935 (*Type*), J. R. Weir, Cuba. "A form of *P. gilvus*." Reduced to synonymy with *P. gilvus* by Cunningham Trans. N. Z. Insti. **58**: 239, 1927.

POLYPORUS PUBERTATIS Lloyd Myc. Writ. **4**: Ap. 358, f. 692, June 1915; **5**: L. 65: 8, March 1917; L. 69: 14, April 1919; **7**: 1163, July 1922. Sacc. Syll. Fungorum **23**: 364, 1925. Rick Broteria Ser. Bot. **21**: 5, 1924.

Polyporus pubertatis Yasuda Bot. Mag. Tokyo **30**: 66, 1916; **31**: 54, 1917; Mycologia **11**: 153, 1919.

Specimens: 18838 (*Type*), *A. Yasuda*, 38, Prov. Kotsuke, Japan, Jan. 1912; 18863, *A. Yasuda*, 300, Prov. Kotsuke, Japan; 18839, *J. Rick*, Brasil; 18858. *L. Rodway*, 855, Tasmania; 18861, *J. B. Cleland*, 264, New So. Wales; 18862. comm. *E. M. Wakefield*, Uganda. Yasuda (loc. cit.) adopts the name as his own. but Lloyd clearly has priority as author of the species. Yasuda's label on the type specimen as sent to Lloyd, reads *Polyporus* sp.

POLYPORUS PYGMAEUS Lloyd (as McGinty) Myc. Writ. **4**: Ap. 355, June 1915. *Trametes pusilla* Ell. in herb (?). No published record found.

Specimens: None in the Lloyd collections. The species was based on a specimen in the N. Y. Botanical Garden collected by Palmer in Mexico. Lloyd suggests a new name, *P. pusillus* being preoccupied by *P. pusillus* (Murr.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 273, 1912; as well as by *P. pusillus* Rostr. Bot. Tidsskrift Copenhagen **24**: 209, 1902.

POLYPORUS RADIATO-SCRUPOSUS (P. Henn.) Lloyd Myc. Writ. **3**: 187, f. 494, March 1912.

Polystictus radiato-scruposus P. Henn. Hedw. **44**: 59, 1905.

Specimens: None in the Lloyd collections.

POLYPORUS RADIANS Lloyd Myc. Writ. **7**: 1186, July 1923. Nomen nudum.

In error for *P. radiatus* (Sow.) Fr.

POLYPORUS RADULA Lloyd Myc. Writ. **5**: L. 67: 12, July 1918.

Specimens: 21452 (*Type*), 21450, 21451, *L. J. K. Brace*, Bahamas. If critical study warrants the retention of the species it must be renamed, the name having been previously employed by Fries (Syst. Myc. **1**: 383, 1821) and Ravenel (Amer. ex. no. 107, Sacc. Syll. Fungorum **6**: 323).

POLYPORUS RAMOSI (Murr.) Lloyd Myc. Writ. **3**: Stip. 111, March 1912; **4**: Ap. 384, June 1915.

Amauroderma ramosii Murr. Bull. Torr. Bot. Club **35**: 408, 1908.

Ganoderma ramosii (Murr.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 305, 1912.

Specimens: 26576, 26584, both from the *Type* collection, N. Y. B. G. Lloyd first considered this (loc. cit.) as a slender form of *P. rugosus*, but in his manuscript on Philippine polypores reduced it to synonymy with that species. This stalked *Amauroderma* form should not be confused with *Polyporus (Haplophilus) ramosii* (Murr.) Sacc. & Trott., in Sacc. Syll. Fungorum **21**: 276, 1912. which Lloyd (Myc. Writ. **6**: 1078, May 1921) discusses as *P. ramosii* on the basis of specimens studied from the Philippine Islands (21926-27) and Brasil (21925). Later, however, he apparently considered it synonymous with *P.*

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gilvus Schw., although the specimen labels were not changed. See also the following use of the name.

POLYPORUS RAMOSII Lloyd in herb.

"Thin, dimidiate, reduced to a small attachment. Color (dried) isabelline, but no doubt white when fresh. Surface glabrous. Context and pore tissue white. Pores small, about three mm. deep. No cystidia and spores not found. We would enter this in Section 83, though, on account of its texture, which is not crumbly, it might be sought in Section 82. On account of its reduced attachment it could be entered in 13."

Specimen: 22045 (*Type*), *M. Ramos*, 2180, (comm. *H. A. Lee*), near Agama, Brit. No. Borneo, 1920. This name was used by Lloyd to designate a new species in reporting upon specimens to *H. A. Lee* (*Myc. Writ.* **7**: 1124, Feb. 1922), and the above description filed with the specimen, but not published. This species is clearly distinct from the two discussed above, and must be renamed in order to avoid further confusion, if critical study indicates that it should be maintained.

POLYPORUS RENIDENS (Bres.) Lloyd *Myc. Writ.* **3**: Stip. 115, March 1912;
5: L. 68: 11, Dec. 1918; **6**: 889, Oct. 1919; **7**: 1144, 1145, pl. 207 (f. 2187-2188), July 1922; **7**: 1209, July 1923; **7**: 1290, June 1924.

Fomes (*Ganoderma*) *renidens* Bres. *Hedw.* **35**: 280, 1896.

Specimens: None in Lloyd collections; *Type* at Berlin from a Brazilian collection by *Moeller*. In his last note (loc. cit.) Lloyd mentions having received three specimens from Brasil and six from the Philippines, but they have not been found either as *P. renidens* or *P. leptopus* Pers. of which he states the former is a "species form."

POLYPORUS RETRO-ATER Lloyd *Myc. Writ.* **7**: 1112, pl. 194 (f. 2076), Feb. 1922.
Chipp Garden Bull. Sts. Settle. **2**: 360, 1921.

Specimen: 13306 (*Type*), *T. F. Chipp*, 5650, Kanching Forest Reserve, Selangor, Brit. Malaya, Jan. 1920.

POLYPORUS RHINOCEROTIS (Cke.) Lloyd.

See *P. sacer* Fr. var. *rhinocerotis* Lloyd.

POLYPORUS RHIZOMATOPHORUS (P. Henn.) Lloyd *Myc. Writ.* **3**: Stip. 126, March 1912.

Fomes rhizomatophorus P. Henn. *Hedw.* **36**: 202, Aug. 1897.

Specimen: Not represented in the Lloyd collections.

POLYPORUS RHIZOMORPHAE Lloyd *Myc. Writ.* **6**: 996, Sept. 1920.

Used in error for *P. rhizophora* Reich. (See *Myc. Writ.* **7**: 1240, Jan. 1924.)

POLYPORUS RHIZOMORPHUS Lloyd *Myc. Writ.* **3**: Stip. 182, f. 479, March 1912;
6: 955, Jan. 1920.

Used in error for *P. rhizophora* Reich. (See *Myc. Writ.* **7**: 1240, Jan. 1924.)

POLYPORUS (AMAURODERMIS) RIVULOSUS (Pat. & Har.) Lloyd *Myc. Writ.* **3**: Stip. 111, March 1912.

Ganoderma rivulosum Pat. & Har. Bull. Soc. Myc. France **22**: 119, 1906.

Specimen: 27129 (portion of *Type*). If distinct should be renamed to avoid confusion with *P. rivulosus* B. & C. Journ. Linn. Soc. London **10**: 318, 1869, which is, however, a *Poria*.

POLYPORUS ROBINIOPHILUS (Murr.) Lloyd Myc. Writ. **4**: L. 42: 12, Oct. 1912; **5**: L. 63: 10, Nov. 1916. Lowe Bull. N. Y. State College For. **6**^{1-b}: 74, 1934. van der Bijl So. African Journ. Sci. **18**: 262, 1922. Overholts Wash. Univ. Studies **3**: 34, 1915.

Trametes robinophilus Murr. N. Amer. Flora **9**: 42, 1907.

Polyporus robiniphila (Murr.) Overh. Ann. Mo. Bot. Garden **1**: 104, 1914.

Specimens: An extensive series from New York, District of Columbia, West Virginia, Ohio, Kentucky, Missouri, Iowa, and the Union of South Africa.

POLYPORUS ROSEA-BRUNNEA Lloyd Myc. Writ. **7**: 1290, June 1924.

Polystictus rosea-brunnea Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2279), July 1922.

Specimen: 18845 (*Type*), Albert N. Steward, Kiangsu, China. "This was by a slip published (Myc. Writ. **7**: 1156) as *Polystictus*. It is better classed as *Polyporus* in Section 99."

POLYPORUS ROSETTUS Lloyd Myc. Writ. **5**: 601, f. 850, Sept. 1916. Sacc. Syll. Fungorum **23**: 360, 1925.

Specimens: 57160 (*Type*), Mrs. A. V. Kirkwood, Beaconsfield, Australia; 36102, G. H. Cunningham, 701, New Zealand; 36103, 57161, 57162, J. B. Cleland, N. So. Wales; 36104, W. W. Froggatt, New So. Wales; 57159, J. T. Paul, Caulfield, Australia; 57163, James Wilson, Victoria, Australia; 57164, L. Rodway, 1054, Tasmania. Bresadola (Studi Trentini **7**: 30, 1926) reduces this species to synonymy with *P. anthracophilus* Cke., as does Cunningham (Trans. N. Z. Insti. **58**: 226, 1927).

POLYPORUS RUBRO-CASTANEUS Lloyd Myc. Writ. **3**: Stip. 183, f. 483, March 1912.

Specimen: Not represented in Lloyd collections; *Type* at Kew collected by H. N. Ridley in Malacca, Brit. Malaya.

POLYPORUS RUFESCENS Pers. var. **BALLOUI** Myc. Writ. **4**: L. 49: 10, Jan. 1914.

See *Polyporus ballouii*.

POLYPORUS RUFESCENS Pers. var. **HEXAGONOIDES** Lloyd Myc. Writ. **4**: L. 40: 2, August 1912.

Specimen: 38646 (*Type*), Anna Brockes, Calixa, Brasil.

POLYPORUS RUFORUGOSUS Lloyd Myc. Writ. **7**: 1331, pl. 318 (f. 3058), Oct. 1924.

Specimens: 15070 (*Type*), 15198, L. Rodway, Hobart, Tasmania.

POLYPORUS RUGATUS Lloyd Myc. Writ. **7**: 1110, pl. 191 (f. 2056), Feb. 1922.

Specimens: 49712 (*Type*), 49713, J. T. Paul, Australia.

POLYPORUS RUGICEPS Lloyd Myc. Writ. **7**: 1329, pl. 315 (f. 3040), Oct. 1924.

Specimen: 55543 (*Type*), J. Wilson, Victoria, Australia.

POLYPORUS RUGOSISSIMUS Lloyd Myc. Writ. 4: L. 48: 3, f. 565, Nov. 1913; 5: 855, f. 1431, June 1919.

Ganoderma rugosissimus (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum 23: 407, 1925.

Specimens: 55545 (*Type*), H. P. de la Bathie, 1316, Madagascar; 55544, T. Hunter, 312, W. Africa. "Probably best held as a variety of *P. rugosus*."

POLYPORUS RUGOSO-SPORUS Lloyd Myc. Writ. 4: Ap. 339, June 1915.

Specimen: 13315 (*Type*), Edouard Luja, Belgian Congo.

POLYPORUS RUSTICUS Lloyd Myc. Writ. 5: 751, f. 1124, Feb. 1918. van der Bijl So. African Journ. Sci. 18: 272, 1922.

Specimen: 3148 (*Type*), P. van der Bijl, 387, Klapmuts, Cape Prov., U. of So. Africa.

POLYPORUS SACER Fr. var. *RHINOCEROTIS* (Cke.) Lloyd Myc. Writ. 6: 1037, pl. 175 (f. 1900), May 1921.

Fomes rhinocerotis Cke. Transact. & Proc. Bot. Soc. Edinburgh 13: 150, 1879. *Polyporus rhinocerotis* (Cke.) Lloyd Myc. Writ. 3: Stip. 122, March 1912; 6: 971, May 1920; 6: 1062, pl. 183 (f. 1997), May 1921.

Specimens: 38306 (ex *Type* as *Fomes*), Perak; 38307, T. Petch, 11384, Ceylon; 38308, 38310, O. A. Reinking, Mt. Maquiling, Mindanao, Phil. Islands, 1919-20; 38707, Ramos and Pascasio, Bur. Sci. 35916, Siargao Island, Phil. Islands, June 1919; 38505, Martelino and Edaño, Bur. Sci. 35843, Libacao, Panay, Phil. Islands, May-June 1919; 56706, C. Boden Kloss, 5703, Sumatra, 1920. As will be noted from the citations Lloyd wavered as to whether to give specific or varietal rank to this form, finally favoring, however, the latter, stating (loc. cit. p. 1062), "a small pored form of *P. sacer*."

POLYPORUS SAITOI Lloyd Myc. Writ. 7: 1269, pl. 282 (f. 2770), June 1924.

Specimen: 43277 (*Type*), C. Saito, comm. K. Miyabe, 555, Prov. Shinano, Honshu, Japan, on *Quercus grosseserrata*. Referred by Lloyd to "Section 45C (*Lentus*). Very distinct from the following.

POLYPORUS SAITOI Lloyd in herb.

"Auriculaeform with a short lateral stem. Surface brown, with short brown pubescence. Context isabelline. Pores and pore tissue white. Pores small, round or irregular. No basidiospores found, but great abundance of minute (3μ) globose, hyaline, smooth conidial spores. As often stated it seems that Nature rarely makes two polypores of the section *Amaurodermus* alike. As this is a conidial condition only it might be questioned if this is an *Amaurodermus*, but to my mind there is no doubt. The white pores indicate that this form does not have normal spores, but doubtless it does. We do not recall another species with a brown pubescent surface."

Specimen: 15184 (*Type*), C. Saito, Tokyo, Japan. This name was used by Lloyd in reporting determinations to Saito (Myc. Writ. 7: 1345, March 1925).

and the above description filed with the specimen, but not published. This form must be renamed if critical study warrants its retention as a distinct species.

POLYPORUS (AMAURODERMUS) SALEBROSUS Lloyd Myc. Writ. **4**: L. 42: 14, Oct. 1912; **5**: 693, f. 1036, July 1917; **5**: L. 67: 15, July 1918; **5**: 807, f. 1257, Oct. 1918; **6**: 942, Jan. 1920; **7**: 1116, pl. 197 (f. 2106), Feb. 1922.

Specimens: 22029 (*Type*), 26585, *H. Vanderyst*, Belgian Congo; 22026, 22027, 23959, 26578, 26586, 36063, *J. Gossweiler*, Angola, W. Africa; 26587, *G. Zenker*, Tanganyika; 36064, *T. Hunter*, Ashanti, W. Africa; 36065, *W. Small*, Kampala, Africa. Trotter in Sacc. Syll. Fungorum **23**: 370, 1925, cites the species as *P. salitrosus* Lloyd, without giving any reason for the change in spelling. Distinct from *P. salebrosus* Lasch. in Rabenh. Fungi Europ. Exsicc. 1606, 1873, which is considered synonymous with *Polystictus nodulosus* Fr.

POLYPORUS SALMONICOLOR Lloyd Myc. Writ. **7**: 1360, pl. 341 (f. 3234), July 1925.

Specimen: 15203 (*Type*), *N. C. Fassett*, 1112, Boothbay, Maine, July 1923. Lloyd states that his species is distinct from *P. salmonicolor* B. & C. Journ. Bot. & Kew Misc. **1**: 104, April 1849, which is more properly a *Poria* and is so recorded in Sacc. Syll. Fungorum **6**: 318, 1888.

POLYPORUS SAMBUCEUS Lloyd Myc. Writ. **4**: L. 60: 13, Dec. 1915. Yasuda Bot. Mag. Tokyo **29**: (420), Dec. 1915; **31**: 52, 1917. Sacc. Syll. Fungorum **23**: 356, 1925.

Specimens: 38205 (*Type*), 54589, 54588, 19651, *A. Yasuda*, 3, 311, 101, 235, Sendai, Japan, 1911-13.

POLYPORUS SANDAKANII Lloyd Myc. Writ. **7**: 1145, pl. 207 (f. 2189), July 1922; **7**: 1290, June 1924.

Specimen: 27096 (*Type*), *M. Ramos*, 2171, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

POLYPORUS SCAURUS Lloyd Myc. Writ. **4**: L. 53: 11, Nov. 1914; **4**: L. 56: 8, 1915; **4**: L. 58: 8, July 1915. Yasuda Bot. Mag. Tokyo **31**: 55, 1917.

Fomes scaurus Lloyd Myc. Writ. **4**: L. 44: 11, Jan. 1913. Yasuda Bot. Mag. Tokyo **27**: (502), 1913.

Specimens: 57558 (*Type*), 57556, 57557, 57559, *A. Yasuda*, 12, 1501, Z, 292, Japan; 57560, *R. C. McGregor*, Bur. Sci. 20282, Dupax, Luzon, Phil. Islands, Jan. 1913.

POLYPORUS SEMBILANTII Lloyd Myc. Writ. **7**: 1223, pl. 252 (f. 2506), Sept. 1923.

Specimen: 43478 (*Type*), *R. E. Holttum*, 9834, Negri Sembilan, Brit. Malaya, Nov. 1922.

POLYPORUS SEMISTIPITATUS Lloyd Myc. Writ. **7**: 1271, pl. 284 (f. 2783), June 1924.

Specimen: 56366 (*Type*), *E. Bartholomew*, 8214, Stockton, Kansas, June 1923.

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POLYPORUS SEPIA Lloyd Myc. Writ. **6**: 1045, pl. 177 (f. 1924-1926), Nov. 1920.
Chipp Garden Bull. Sts. Settle. **2**: 361, 1921.

Specimen: 13222 (*Type*), I. H. Burkill, 105, Singapore, Sts. Settlements, June 1913.

POLYPORUS SESSILIS (Murr.) Lloyd Myc. Writ. **4**: Ap. 371, June 1915. Lowe
N. Y. State College Forestry Tech. Publ. **41**: 127, 1934.

Ganoderma sessile Murr. Bull. Torr. Bot. Club **29**: 604, 1902.

Specimens: Lloyd refers here specimens from New York, Ohio, Michigan, Connecticut, Arkansas, Louisiana, Mississippi, Alabama, South Carolina, and Texas.

POLYPORUS SETOSUS (Weir) Lloyd Myc. Writ. **4**: Ap. 350, f. 686-7, June 1915;
7: 1300, June 1924. Sacc. Syll. Fungorum **23**: 368, 1925.

Trametes setosus Weir Journ. Agr. Res. **2**: 164, 1914.

Specimens: 3149, K. Masui, Univ. Kyoto, Japan; 6789, 31807, 31808, 31809, J. R. Weir, Montana and Idaho. Shope (Ann. Mo. Bot. Garden **18**: 363, 1931) reduces this species to synonymy with *Trametes isabellina* Fr.

POLYPORUS SIMILANS Lloyd (?) Myc. Writ. **7**: 1259, pl. 279 (f. 2750-51), Jan. 1924.

Specimens: 26833 (*Type*), T. D. Maitland, Africa; 44213, J. Kuyper, Paramaribo, Surinam. Lloyd uses the name and publishes a brief diagnosis, attributing the name, however, to Wakefield. No other place of publication has been found. Distinct from *P. similans* Blonski Hedw. **28**: 280, 1889, as well as *P. similans* B. & C. in herb. Berk. 2543, as cited in Sacc. Syll. Fungorum **6**: 117, 1888. The Lloyd species must be renamed if study warrants its retention.

POLYPORUS SINENSIS Lloyd Myc. Writ. **7**: 1192, pl. 237 (f. 2403), July 1923.

Specimen: 17727 (*Type*), H. H. Hu, 124, Kiangsi, China. The name is pre-occupied by *P. sinensis* Fr. Syst. Myc. **1**: 345, 1821, and *P. sinensis* Klotzsch Linn. **8**: 478, 1833, and the species must be renamed if critical examination warrants its retention.

POLYPORUS SMARAGDINUS Lloyd Myc. Writ. **5**: 818, f. 1365, March 1919. Murr.
Myc. **12**: 23, 1920.

Specimens: 23887 (*Type*), 40494, J. F. Brenckle, Camp Pike, Arkansas, Oct. 1918.

POLYPORUS (= *AMAURODERMUS*) *SPRICEI* Lloyd Myc. Writ. **3**: Stip. 111, f. 404,
March 1912; **5**: L. 68: 11, Dec. 1918.

Porothelium rugosum Berk. Hook. Journ. Bot. **8**: 237, 1856.

Specimens: 27110, J. Rick, Brasil. Lloyd based the species on a specimen at Kew collected by Spruce in Brasil.

POLYPORUS SPUMEUS (Sow.) Fr. var. *MALICOLUS* Lloyd Myc. Writ. **4**: Ap. 305,
June 1915. Sacc. Syll. Fungorum **23**: 356, 1925 (as *P. spumeus* [Sow.] Fr.
var. *malicola* Lloyd). Lowe Bull. N. Y. State College For. **6**^{1-b}: 73, 1934.

Specimens: 42675 (*Type*), Ann Hibbard, Newfane, Vermont, Sept. 1916, on *Malus*; 42671, Burt Leeper, Salem, Ohio; 42679, L. H. Pennington, Syracuse, New York, July 1914. Lowe (loc. cit.) cites *P. malicola* Lloyd as a synonym, a name we do not find in Lloyd's publications.

POLYPORUS SQUAMATUS Lloyd Myc. Writ. **3**: Ov. 84, f. 505, Oct. 1911; **3**: Stip. 168, March 1912.

Specimens: None in Lloyd herbarium. The species is based on a plant at Berlin collected by Kalchbrenner in Hungary and determined as *P. ovinus* Schaeff.

POLYPORUS STRIGOSO-ALBUS Lloyd Myc. Writ. **7**: 1329, pl. 314 (f. 3038), Oct. 1924.

Specimen: 15215 (*Type*), J. B. Cleland, 895, So. Australia.

POLYPORUS SUADERIS Lloyd Myc. Writ. **5**: 859, f. 1442, June 1919.

Specimen: 45097 (*Type*), 13316, L. Rodway, 840, 953, Tasmania.

POLYPORUS SUBCRETACEUS Lloyd Myc. Writ. **7**: 1331, pl. 318 (f. 3059), Oct. 1924.

Specimen: 15183 (*Type*), L. Rodway, 1472, No. Hobart, Tasmania.

POLYPORUS SUBHISPIDUS Lloyd Myc. Writ. **7**: 1330, pl. 316 (f. 3046), Oct. 1924.

Specimen: 17740 (*Type*), S. R. Joshi, comm. P. L. Dey, Pusa, India, 1921.

"This is certainly *P. hispidus* and probably does not deserve a name, although there is quite a difference between it and the European plant."

POLYPORUS SUBMURINUS (Murr.) Lloyd Myc. Writ. **4**: Ap. 307, June 1915; **5**: L. 66: 10, Oct. 1917. Overholts in Seaver and Chardon Sci. Survey P. R. **8**: 107, 1926.

Trametes submurina Murr. No. Amer. Fl. **9**: 43, 1907.

Specimens: Lloyd referred here specimens from Missouri, Alabama, Florida, Puerto Rico, and Brasil.

POLYPORUS SUBPERTUSUS Lloyd in herb.

"In the essentials this species has the characters of *Polyporus pertusus* (Myc. Writ. **5**: 827) excepting the spores. The same soft, spongy, dual flesh, the same setae, but the spores in great abundance are hyaline, elliptical $3 \times 5 \mu$, while in *pertusus* they are globose. In microscopic features it suggests *Polyporus radiatus*, but has little resemblance to it to the eye. It is about the same size and color as *Polyporus cuticularis*. In fact it is a composite species with features of these three different species. It belongs to Section 96 with the *gilvus* series, but the spores at once remove it."

Specimen: 21936 (*Type*), Y. Nijima, comm. K. Miyabe, 600, Hokkaido, Japan, May 1915, on *Picea yezoensis*.

POLYPORUS SUBRADIATUS Lloyd Myc. Writ. **4**: Ap. 346, June 1915; **4**: L. 60: 11, Dec. 1915. van der Bijl So. African Journ. Sci. **18**: 271, 1922. Sacc. Syll. Fungorum **23**: 367, 1925.

Specimens: 3142 (*Type*), *A. Yasuda*, 49, Sitagun, Kotsuke, Japan, Dec. 1911; 3147, *I. B. Pole-Evans*, U. of So. Africa. *Yasuda*, 196, cited by Lloyd, not in the Lloyd herbarium. *Bresadola* used the same name (*Bot. Jahr.* **54**: 247, 1916), but later (*Ann. Myc.* **18**: 34, 1920) renamed his species *P. subgilvus* *Bres.*

POLYPORUS SUBRENATUS (*Murr.*) Lloyd *Myc. Writ.* **6**: 878, pl. 124 (f. 1499), Oct. 1919.

Amauroderma subrenatum *Murr.* *N. Am. Flora* **9**: 117, 1908.

Specimens: 23589, 29169, 29174, *J. Rick*, Brasil; 29173, ex. N. Y. B. G.

POLYPORUS SUBVIRGATUS Lloyd *Myc. Writ.* **3**: L. 32: 1, April 1911; **3**: Stip. 172, March 1912. *Butler and Bisby Fungi of India*, p. 119, 1931.

Specimen: The species based on a specimen sent from India by *G. H. Cave*, not now in the Lloyd herbarium.

POLYPORUS SUPERNIGER Lloyd *Myc. Writ.* **6**: 1038, pl. 175 (f. 1902), May 1921.

Specimen: 3144 (*Type*), *H. S. Yates*, Bur. Sci. 36016, Isabel, Basilan Island, Phil. Islands, Nov.-Dec. 1919.

POLYPORUS TEPHROLEUCUS *Fr.* var. *SCRUPOSUS* Lloyd *Myc. Writ.* **6**: 885, pl. 128 (f. 1527), Oct. 1919.

Specimen: 35496 (*Type*), *J. R. Weir*, 7578, Missoula, Montana, on *Picea canadensis*.

POLYPORUS THEOBROMAE (*Pat.*) Lloyd *Myc. Writ.* **6**: 997, pl. 163 (f. 1803), Sept. 1920; **7**: 1225, pl. 254 (f. 2517-18), Sept. 1923. *Chipp Garden Bull. Sts. Settle.* **2**: 362, 1921.

Echinodia theobromae *Pat. Bull. Soc. Myc. Fr.* **34**: 199, 1918. See also Lloyd *Myc. Writ.* **6**: 934, pl. 150 (f. 1704-5), Jan. 1920.

Specimens: 13386, 13546, 57323, *T. F. Chipp*, Botanic Gardens, Singapore; 23893, 23903, *R. E. Holttum*, 8378, 9192, Aug. and Nov. 1922; 57322, *M. Noor*, 5211, Kedah, Brit. Malaya, Feb. 1920. Later referred by Lloyd (*Myc. Writ.* **7**: 1240, pl. 267 [f. 2636], Jan. 1924) to *Polyporus (Poria) hydnophorus* *B. & Br.* See also *Petch Ann. Royal Bot. Garden, Peradeniya* **6**²: 32, 1916.

POLYPORUS TOKYOENSIS Lloyd *Myc. Writ.* **4**: Ap. 302, f. 639, June 1915. *Sacc. Syll. Fungorum* **23**: 366, 1925 (as *P. tokyvensis*).

Specimen: 22049 (*Type*), *S. Kawamura*, 29, Botanical Garden, Tokyo, 1907.

POLYPORUS (AMAURODERMUS) TORRENDII Lloyd *Myc. Writ.* **4**: L. 54: 4, f. on 8, Jan. 1915.

Ganoderma torrendii (Lloyd) *Sacc. & Trott. in Sacc. Syll. Fungorum* **23**: 408, 1925.

Specimens: 27135 (*Type*), *C. Torrend*, 75, Bahia, Brasil; 27111, *H. Vanderyst*, 8544, Belgian Congo, Dec. 1920.

POLYPORUS (AMAURODERMUS) TRULLIFORMIS Lloyd *Myc. Writ.* **4**: L. 42: 16, Oct. 1912; **5**: L. 69: 15, April 1919; **6**: 943, pl. 153 (f. 1741), Jan. 1920.

Specimen: 23434 (*Type*), *G. Zenker*, 29163, Cameroons, Africa.

NEW FUNGUS NAMES

POLYPORUS TUCKAHOE (Güssow) Lloyd Myc. Writ. **6**: 954, May 1920.

Grifola tuckahoe Güssow Myc. **11**: 104-110, 3 pls., 1919.

Polyporus tuckahoe (Güssow) Sacc. & Trott. in Sacc. Syll. Fungorum **23**: 375, 1925.

Specimen: 56368, *A. H. R. Buller*, Winnipeg, Canada.

POLYPORUS TURBOFORMIS Lloyd Myc. Writ. **3**: Stip. 194, f. 500, March 1912.

Sacc. Syll. Fungorum **23**: 371, 1925 (as *P. turbiformis*). Butler and Bisby Fungi of India, p. 119, 1931.

Specimen: 43464 (*Type*), *G. H. Krumbiegel*, Baroda, India.

POLYPORUS (AMAURODERMUS) UNILATERUS Lloyd Myc. Writ. **3**: Stip. 117, f. 413, March 1912.

Specimen: Based on a specimen at Kew (*Spruce*, 207) from Brasil, determined by Berkeley as *P. variabilis* Berk.

POLYPORUS UNITUS Lloyd Myc. Writ. **5**: 699, f. 1045, July 1917. Sacc. Syll. Fungorum **23**: 355, 1925.

Specimen: 43243 (*Type*), *W. Small*, Uganda, Africa. Distinct from *P. unitus* Pers. Myc. Eur. **2**: 93, 1925, hence should be renamed if study warrants its retention.

POLYPORUS URSINULUS Lloyd Myc. Writ. **7**: 1143, pl. 206 (f. 2180), July 1922.

Specimen: 21929 (*Type*), *L. Mille*, Ecuador.

POLYPORUS URSINUS Lloyd Myc. Writ. **4**: Ap. 319, f. 659, 660, June 1915. Murr.

Myc. **12**: 23, 1920. Sacc. Syll. Fungorum **23**: 368, 1925. Bisby, Butler and Dearness Fungi Man., p. 96, 1929. Shope Ann. Mo. Bot. Garden **18**: 332, 1931. Lowe Bull. N. Y. State College For. **6**^{1-b}: 82, 1934.

Specimen: 41420 (*Type*), *C. G. Lloyd*, 07627, Temagami, Ontario; 41375, *L. H. Pennington*, Syracuse, New York; 41405, *J. R. Weir*, Priest River, Idaho; 41421, *L. O. Overholts*, 2016, Tolland, Colorado, July 1913. Not to be confused with *P. (Polystictus) ursinus* (Link) Fr., which is *Trametes hydroides* Sw.

POLYPORUS VADOSUS Lloyd Myc. Writ. **3**: Stip. 183, March 1912.

Specimen: Based on a specimen at Berlin, collected by Duss in Guadeloupe, and determined as *Favolus dermoporus* Pers.

POLYPORUS VALESIACUS (Boud.) Lloyd Myc. Writ. **3**: Stip. 102, March 1912.

Ganoderma valesiacum Boud. Bull. Soc. Myc. Fr. **11**: 28, 1895.

Fomes valesiacus (Boud.) Sacc. Syll. Fungorum **14**: 184, 1899.

Ganoderma lucidum (Leys.) Karst. var. *valesiacum* (Boud.) Lloyd, as cited in Pilat Bull. Soc. Myc. Fr. **49**: 266, 1934.

Specimen: Not represented in the Lloyd collections.

POLYPORUS VANDERYSTII Lloyd Myc. Writ. **5**: 758, f. 1137, Feb. 1918.

Specimen: 43280 (*Type*), *H. Vanderyst*, Belgian Congo.

POLYPORUS VANDYKEI Myc. Writ. **6**: 944, pl. 154 (f. 1747), Jan. 1920.

Specimen: 19652 (*Type*), *J. Gossweiler*, 249, Angola, Portuguese W. Africa.

POLYPORUS VELUTINOSUS Lloyd Myc. Writ. **5**: L. 66: 16, Oct. 1917. Petch Ann. Roy. Bot. Garden Peradeniya **7**: 284, 1922.

Fomes velutinosus Lloyd Myc. Writ. **4**: L. 48: 7, Nov. 1913; **4**: Fom. 260, f. 599, Jan. 1915. Butler and Bisby Fungi of India, p. 97, 1931.

Specimens: 19089, 19092, *S. Hutchings*, India; 19095, *K. R. Kirtikar*, India; 19028, 19090, *T. Petch*, Ceylon; 388, 16608, *R. E. Holtum* and *T. F. Chipp*, Brit. Malaya; 19088, *V. Demange*, Indo-China; 16607, *H. H. Hu*, China; 15039, *C. van Overeem*, Java; 19094, *K. Nakanishiki*, Japan; 19049, *A. J. T. Janse*, Natal; 19091, 22140, *P. van der Bijl*, U. So. Africa; 19048, 19087, *H. P. de la Bathie*, Madagascar; 19086, *C. A. O'Connor*, Zanzibar; 19085, 19096, *J. Gossweiler*, Angola, Portuguese W. Africa; 19093, *H. Vanderyst*, Belgian Congo. Which specimen is to be considered the type is uncertain, but the first of the Hutchings's specimens may be so designated, having been first mentioned by Lloyd. "A *Polyporus* form of *Fomes senex*."

POLYPORUS VERSISPORUS Lloyd Myc. Writ. **4**: L. 54: 5, Jan. 1915; **4**: Ap. 312, June 1915. Yasuda Bot. Mag. Tokyo **29**: (263), Aug. 1915. Sacc. Syll. Fungorum **23**: 356, 1925.

Polyporus versisporus Yasuda Bot. Mag. Tokyo **31**: 52, 1917.

Specimens: 23895 (*Type*), 23882, *A. Yasuda*, 251, 308, Japan, Aug. 1914.

POLYPORUS VICINUS Lloyd Myc. Writ. **7**: 1331, pl. 318 (f. 3055), Oct. 1924. van der Bijl So. African Journ. Sci. **21**: 312, Nov. 1924.

Specimen: 40500 (*Type*), *P. A. van der Bijl*, 1153, Natal, U. So. Africa. The name is preoccupied by *P. vicinus* Bres. Ann. Myc. **18**: 35, 1920, and the Lloyd species must be renamed if study indicates it is distinct.

POLYPORUS VICTORIENSIS Lloyd Myc. Writ. **6**: 1095, May 1921; **7**: 1328, Oct. 1924.

Specimens: 3150 (*Type*), *James Wilson*, Victoria, Australia; 3129, *J. B. Cleland*, 846, So. Australia.

POLYPORUS VIRGINII-CUBONI Lloyd (as McGinty) Myc. Writ. **3**: O. S. 12, June 1908; **4**: Ap. 388, June 1915.

Polyporus armeniacus Berk. in Hooker's Journ. Bot. **8**: 197, 1856.

Non *Polyporus armeniacus* Berk. in Hooker's English Flora **5**: 147, 1836.

In his latter reference above, Lloyd deletes the name.

POLYPORUS WARBURGIANUS (P. Henn.) Lloyd Myc. Writ. **3**: Stip. 186, 195, f. 492, March 1912; **7**: 1239, pl. 267 (f. 2631), Jan. 1924.

Fomes warburgianus P. Henn. Monsunia **1**: 10, 1899.

Whitfordia warburgianus (P. Henn.) Murr. Bull. Torr. Bot. Club **35**: 47, 1908. Sacc. Syll. Fungorum **23**: 384, 1925.

Specimen: 49716, *W. Docteurs van Leeuwen*, 192, Sebesie, Sumatra, April 1920. Referred by Saccardo and Trotter in Sacc. Syll. Fungorum **23**: 384, 1925, to *Trametes scopulosa* (Berk.) Bres.

NEW FUNGUS NAMES

POLYPORUS WHETSTONEI Lloyd Myc. Writ. **7**: 1146, pl. 209 (f. 2200), July 1922.
Specimen: 26028 (*Type*), *M. S. Whetstone*, Minnesota.

POLYPORUS WILSONIANUS Lloyd Myc. Writ. **4**: L. 53: 10, Nov. 1914; **5**: 787, f. 1182, Aug. 1918; **5**: L. 69: 14, April 1919.

Specimens: 37788 (*Type*), *James Wilson*, Victoria; 23879, 37899, *L. Rodway*, Tasmania; 37789, 38628, 38651, *J. T. Paul*, Victoria, Australia.

POLYPORUS YASUDAI Lloyd Myc. Writ. **4**: L. 44: 10, Jan. 1913. *Yasuda Bot. Mag. Tokyo* **27**: (166), March 1913; **31**: 56, 1917. *Sacc. Syll. Fungorum* **23**: 373, 1925.

Specimen: 43245 (*Type*), *A. Yasuda*, 127, Sendai, Japan, Sept. 1912.

POLYPORUS YOSHINAGAI Lloyd Myc. Writ. **4**: L. 54: 5, Jan. 1915. *Yasuda Bot. Mag. Tokyo* **29**: (193), May 1915; **31**: 55, 1917. *Sacc. Syll. Fungorum* **23**: 357, 1925.

Specimens: 44159 (*Type*), *T. Yoshinaga*, Mt. Yokogura, Japan, Aug. 1916; 44128, *A. Yasuda*, 255, Prov. Tosa, Japan, Aug. 1900.

POLYPORUS ZAMBESIANUS Lloyd Myc. Writ. **3**: Stip. 128, f. 424, March 1912; **7**: 1290, June 1924.

Fomes zambesianus (Lloyd) *Sacc. & Trott. in Sacc. Syll. Fungorum* **23**: 390, 1925.

Specimen: Not represented in the Lloyd collections. Based on a specimen at Kew collected in 1881 in Zambesia by Buchanan, and referred to *P. rudis* Berk.

POLYPORUS ZEBRA Lloyd Myc. Writ. **4**: Ap. 339, f. 677, June 1915. *Sacc. Syll. Fungorum* **23**: 366, 1925.

Specimens: 13314 (*Type*), *C. G. Lloyd*, Samoa, 1905; 36457, *C. Boden Kloss*, 14729, Sumatra, Oct. 1914.

POLYPORUS ZONATULUS Lloyd Myc. Writ. **6**: 883, pl. 128 (f. 1520), Oct. 1919.

Specimen: 18977 (*Type*), *A. Yasuda*, 445, Prov. Awagi, Japan, Nov. 1916.

POLYPORUS ZONIFER Lloyd Myc. Writ. **7**: 1192, pl. 236 (f. 2398), July 1923.

Specimen: 13293 (*Type*), *M. Ramos*, 2043, near Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

POLYSTICTUS

POLYSTICTUS ADUSTUS Lloyd Myc. Writ. **5**: 695, f. 1038, July 1917.

Specimen: 48812 (*Type*), *Susan Tucker*, Washington. In his acknowledgement of specimens received (Myc. Writ. **5**: L. 65: 13, March 1917), Lloyd refers to this species as *Trametes adustus*.

POLYSTICTUS AEQUUS Lloyd Myc. Writ. **6**: 933, pl. 149 (f. 1696), Jan. 1920.

Specimen: 48809 (*Type*), *L. Rodway*, 930, Tasmania. "Perhaps this is best considered as a form of *P. versicolor*," Cunningham (Trans. N. Z. Insti. **58**: 233, 1927) reduces the name to synonymy under *Polyporus versicolor* (L.) Fr.

POLYSTICTUS AFFINIS-CONCINNUS Lloyd Myc. Writ. **5**: 618, f. 877, Dec. 1916.

Specimen: 38867 (*Type*), *P. van der Bijl*, 259, Durban, Natal. It was appar-

ently not the intention of Lloyd to make a new species in this case, but merely to indicate the affinities of the specimen in question, since he states, "We refer it to *P. affinis*, but it is not exactly that for *affinis* is glabrous." It is listed as *P. affinis* in his acknowledgement of specimens received (Myc. Writ. 5: L. 63: 2, Nov. 1916).

POLYSTICTUS AFFINIS-LUTEUS Lloyd Myc. Writ. 7: 1239, Jan. 1924.

Specimens: 37100 (*Type*), H. J. Lam, 998, Prauwenbivak, Dutch New Guinea. Sept. 1920; and a series of fifteen specimens assembled by collectors for the Bureau of Science, Philippine Islands. No description given except for the comment, "much closer to *affinis*;" hence the statement following the citation of specimen under *P. affinis-concinnus* applies here also.

POLYSTICTUS AFFINIS-MICROLOMA Lloyd Myc. Writ. 7: 1239, Jan. 1924.

Specimens: The use of the name in the above citation refers to a specimen from the Dutch East Indies, which has not been located in the collection. Twelve specimens from the Philippine Islands (Bureau of Science collectors) have been referred by Lloyd to this species, or what is apparently the same concept under the herbarium name *Polystictus microlooma-affinis*. Lloyd comments, "Too dark for *P. affinis* and too thin for *P. microlooma*. These similar species all grade together."

POLYSTICTUS ALBO-BADIUS Lloyd Myc. Writ. 6: 1038, pl. 175 (f. 1903), May 1921. Chipp Garden Bull. Sts. Settlem. 2: 363, 1921.

Specimen: 53812 (*Type*), M. Noor, comm. T. F. Chipp. 5603, Pulau Penang, Brit. Malaya, Jan. 1920.

POLYSTICTUS ALBO-REGULARIS Lloyd Myc. Writ. 7: 1145, pl. 208 (f. 2191), July 1922.

Specimen: 48796 (*Type*), J. E. A. Lewis, Kobe, Japan.

POLYSTICTUS ALBO-VESTIDUS Lloyd Myc. Writ. 7: 1192, pl. 236 (f. 2401), July 1923.

Specimen: 48538 (*Type*), J. B. Cleland, 752, Adelaide, So. Australia.

POLYSTICTUS ANOMALOSUS Lloyd Myc. Writ. 6: 1007, pl. 169 (f. 1849), Sept. 1920. Chipp Garden Bull. Sts. Settlem. 2: 363, 1921.

Specimen: 53811 (*Type*), H. N. Ridley, A 26, Botanic Garden, Singapore, Sts. Settlements, Aug. 1890. "In reality not a *Polystictus*, could be called a new genus, but that would only confuse."

POLYSTICTUS ANOMALOUS Lloyd Myc. Writ. 5: 791, f. 1190, Aug. 1918.

Specimen: 13103 (*Type*), J. B. Cleland, 364, Sydney, N. So. Wales. "Like the Philippine form of *P. cladophorus*, of which this is the analogous species or perhaps better, a form."

POLYSTICTUS ARENICOLA Lloyd Myc. Writ. 5: 651, f. 930, 931, Feb. 1917.

Specimens: 34643 (*Type*), 38392, Chas. H. Baker, Orlando, Florida.

POLYSTICTUS ARENOSUS Lloyd in Rick Brot. **4**: 124, 1935.

No material of such a species has been found in the Lloyd collections nor any reference to it in Lloyd's Mycological Writings. Rick considers it a synonym of *P. stereinus* B. & C.

POLYSTICTUS ARGENTEUS Lloyd Myc. Writ. **7**: 1112, pl. 193 (f. 2071), Feb. 1922.

Specimen: 48883 (*Type*), A. M. Bottomley, 14111, Victoria Falls, Rhodesia, July 1920.

POLYSTICTUS ATER Lloyd Myc. Writ. **7**: 1314, pl. 307 (f. 3002), Oct. 1924.

Specimens: 15052 (*Type*), R. E. Holtum, 12273, Kelantan, Brit. Malaya, Feb. 1924. Rick Brot. **4**: 124, 1935, considers this as a dark variety of *P. stereinus* B. & C.

POLYSTICTUS BADIUS Berk. var. **MICROPORUS** Lloyd Myc. Writ. **5**: L. 67: 13, July 1918; **6**: 1038, May 1921.

Specimen: 53808 (*Type*), T. F. Chipp, 5512, Kanching Forest Reserve, Selangor, Brit. Malaya, Jan. 1920.

POLYSTICTUS BAURII (Kalchbr.) Lloyd emend. Myc. Writ. **5**: 698, f. 1043, July 1917. Sacc. Syll. Fungorum **23**: 410, 1925.

Polyporus baurii Kalchbr. Grev. **10**: 53, 1881.

Polystictus baurii (Kalchbr.) Sacc. Syll. Fungorum **6**: 226, 1888.

Specimen: 44488, W. Small, Uganda. Lloyd resurrects the old name, using it without particular reference to Kalchbrenner's specimen, which may or may not have been the same.

POLYSTICTUS BICOLOR Lloyd Myc. Writ. **6**: 1001, pl. 165 (f. 1822), Sept. 1920.

Chipp Garden Bull. Sts. Settle. **2**: 363, 1921.

Specimens: 48586 (*Type*), Sappan, 5352. Botanic Garden, Singapore, Sts. Settlements, Dec. 1919; 48572, L. Rodway, 1018, Tasmania.

POLYSTICTUS BRASILIENSIS Lloyd in herb.

"Sessile, dimidiate, thin, flexible, brown. Surface with a dense coat of brown hairs as with the common *Trametes hydnoides*. Context thin, brown. Pores large, sinuate. From its rather flexible nature this is a *Polystictus*, but from its relationships a *Trametes*. We determined it before as *Trametes ozonoides*, a plant only known from the type (India), which has the same pores, but differs in pale context color and coarse appressed surface hairs. While we enter this in *Polystictus* its relations are really with such plants as *Trametes hydnoides* excepting as to rigidity and pores."

Specimen: 43412 (*Type*), C. Torrend, 926. Brasil. An additional specimen from Torrend, referred to in the description, cannot be located in the Lloyd Herbarium. The name was used by Lloyd (as *P. brisiliensis*, in evident error) in reporting determinations to Torrend (Myc. Writ. **7**: 1321, Oct. 1924) and the description filed with the type specimen, but not published.

POLYSTICTUS BRUNEO-LEUCUS Lloyd Myc. Writ. **5**: 664, f. 954, April 1917; L. 69: 14, April 1919.

NEW FUNGUS NAMES

A name used in error for *Polyporus brunneo-leucus* Berk., as indicated by text of the first reference cited.

POLYSTICTUS CARNEO-NIGER Lloyd.

The name was attributed to Lloyd in error by Torrend, *Broteria Ser. Bot.* **21**: 35, 1924. The reference should be *P. carneo-niger* Berk. *Grev.* **12**: 15, 1883. (Published as *Polyporus*, transferred to *Polystictus* in Sacc. *Syll. Fungorum* **6**: 219, 1888.)

POLYSTICTUS CASTANEUS Lloyd in Rick *Broteria Ser. Bot.* **21**: 10, 1924.

Specimen: 48562, J. Rick, Brasil. No published record by Lloyd of this species has been found. He perhaps intended to refer the specimen to *Irpex castaneus* (q.v.).

POLYSTICTUS CINNAMOMEUS (Jacq.) Fr. var. **LAHORENSIS** Lloyd *Myc. Writ.* **5**: L. 65: 8, March 1917.

Specimen: 44475 (*Type*), Shiv. Ram Kashyap, 6, Lahore, India.

POLYSTICTUS CINNAMOMEUS (Jacq.) Fr. var. **POLYCEPHALUS** Lloyd *Myc. Writ.* **7**: 1261, pl. 280 (f. 2761), Jan. 1924. Lowe *N. Y. State College For. Tech. Publ.* **41**: 89, 1934.

Specimen: 36283 (*Type*), Clara Gray, comm. C. E. Fairman, Ridgway, Orleans County, New York, Aug. 1920.

POLYSTICTUS CLADOPHORUS (Berk.) Lloyd *Myc. Writ.* **5**: 790, f. 1189, Aug. 1918; **7**: 1153, pl. 216 (f. 2251, 2252), July 1922.

Hexagona cladophora Berk. *Journ. Linn. Soc. London* **14**: 350, 1875.

Specimen: 13106, ex-type from Kew herbarium. "It is widely removed from other *Hexagonas* and was omitted in our pamphlet (*Hexagona*) where we suggested that it was a better *Trametes*."

POLYSTICTUS CONGLOMERUS Lloyd *Myc. Writ.* **5**: 706, f. 1056, Oct. 1917. Sacc. *Syll. Fungorum* **23**: 414, 1925 (as *P. conglomeratus* Lloyd). Murr. *Myc.* **12**: 17, 1920.

Specimen: 20588 (*Type*), H. E. Hone, comm. C. C. Plitt, California.

POLYSTICTUS CUNEATO-BRUNNEUS Lloyd *Myc. Writ.* **6**: 1005, pl. 168 (f. 1844), Sept. 1920.

Specimen: The species is based on a specimen collected by H. S. Yates, Bur. Sci. 36187, Isabela, Basilan Island, Phil. Islands, which is not now in the Lloyd herbarium.

POLYSTICTUS CUNEATUS (Murr.) Lloyd *Myc. Writ.* **5**: 600, f. 848, Sept. 1916; **5**: 764, Feb. 1918.

Corirolellus cuneatus Murr. *N. Am. Flora* **9**: 28, 1907.

Trametes cuneata (Murr.) Sacc. & Trott. in *Sylloge Fungorum* **21**: 345, 1912.

Specimens: 48746, 48770-2, J. M. Grant, Washington; 48749, J. R. Weir, Priest River, Idaho.

NEW FUNGUS NAMES

POLYSTICTUS CUTICULARIS Lloyd Myc. Writ. **3**: Pol. 12, f. 205, Feb. 1908.

Specimen: Type from Geo. E. Morris, Wayland, Massachusetts, but not found in the Lloyd herbarium.

POLYSTICTUS DECURRENS Lloyd Myc. Writ. **3**: Pol. 12, f. 206, Feb. 1908. Sacc. Syll. Fungorum **21**: 309, 1912.

Specimen: 56361 (Type), Geo. E. Morris, Ellis, Massachusetts, July 1907.

POLYSTICTUS DICHROUS Lloyd Myc. Writ. **7**: 1300, June 1924.

Specimens: None can be located under this name. The name was used by Lloyd for a specimen received from R. E. Holttum, Singapore, Sts. Settlements.

POLYSTICTUS DOIDGEI Lloyd Myc. Writ. **7**: 1329, pl. 314 (f. 3039), Oct. 1924.

Specimen: 38870 (Type), E. M. Doidge, 17796, Knysna, U. So. Africa, May 1923, on *Olea laurifolia*.

POLYSTICTUS DUBITATIVUS Lloyd Myc. Writ. **7**: 1111, pl. 192 (f. 2067), Feb. 1922.

Specimen: 37099 (Type), H. S. Yates, Bur. Sci. 36036, Isabela, Basilan Island, Phil. Islands, Nov.-Dec. 1919. "A very doubtful *Polystictus* or any other genus." A note with the specimen indicates that Lloyd later decided to call this fungus *Radulum anomalum*, but the name was never published. It appears to be a resupinate Hydnaceae.

POLYSTICTUS DYBOWSKI (Pat.) Lloyd Myc. Writ. **3**: Mic. 65, 68, f. 354, Aug. 1910; **4**: L. 42: 14, Oct. 1912; **5**: L. 67: 14, July 1918; **6**: 1036, pl. 174, (f. 1898), May 1921; **7**: 1191, pl. 235 (f. 2391), July 1923.

Hexagona dybowski Pat. Bull. Soc. Myc. Fr. **8**: 54, 1892.

Specimens: 48842, 48850, 48855, H. Vanderyst, 10620, 10883, 12374, Belgian Congo, 1921; 48852, 48853, 48854, 48856, J. Gossweiler, 314, 292, 91, 312, Angola, Portuguese W. Africa; 48880, A. M. Bottomley, 14116, Rhodesia. "It was published and illustrated in our *Hexagona* pamphlet, but for me now it is a much better *Polystictus*. However, it is a duplicate name in *Polystictus* (*Polyporus dybowski* Pat. Bull. Soc. Myc. Fr. **8**: 92, 1892: changed to *Polystictus dybowski* [Pat.] Sacc. Syll. Fungorum **11**: 92, 1895), and will have to be changed some day."

POLYSTICTUS EBURNEUS Lloyd Myc. Writ. **7**: 1331, pl. 318 (f. 3060), Oct. 1924.

Specimen: The species based on a specimen from R. E. Holttum, 9695, Singapore, Sts. Settlements, not found in the Lloyd herbarium.

POLYSTICTUS ELLISIANUS (P. Henn.) Lloyd Myc. Writ. **6**: 1036, pl. 174 (f. 1897), May 1921.

Trametes ellisiana P. Henn. Engl. Jahrb. **22**: 92, 1895.

Specimen: 56293, part of Type from Berlin Museum, originally from Africa.

POLYSTICTUS (AMAURODERMUS) EXILIS (Berk.) Lloyd Myc. Writ. **3**: Stip. 120, March 1912.

Polyporus exilis Berk. in Hooker's Journ. Bot. and Kew Misc. **8**: 173, 1856.

Ganoderma exile (Berk.) Pat. Bull. Soc. Myc. Fr. **5**: 77, 1889.

NEW FUNGUS NAMES

Amauroderma exile (Berk.) Lloyd ex Wakef. Kew Bull. **1934**: 242. 1934.

Specimen: 29171, *C. Torrend*, 876, Brasil (under *Polyporus*).

POLYSTICTUS FELIPPONEI Lloyd Myc. Writ. **5**: 842, f. 1409, April 1919.

Specimen: 53800 (*Type*), *F. Felippone*, 1540, Montevideo, Uruguay.

POLYSTICTUS FERRUGINOSUS Lloyd Myc. Writ. **7**: 1242, pl. 269 (f. 2644), Jan. 1924.

Specimen: 15066 (*Type*), *P. Dakkus*, 710, Botanic Garden, Buitenzorg, Java. Jan. 1922, on roots of *Quercus lineata*.

POLYSTICTUS FLABELLARIIS Lloyd Myc. Writ. **7**: 1316, Oct. 1924.

Polyporus flabellaris Lloyd Myc. Writ. **6**: 1035, pl. 173 (f. 1890), May 1921.

Specimen: 44485 (*Type*), *Ramos and Edaño*, Bur. Sci. 33437, Panay, Phil. Islands, May 1918.

POLYSTICTUS FLABELLIFORMIS Kl. var. *JAPONICA* Lloyd Myc. Writ. **5**: 623, f. 883, Jan. 1917.

Specimen: 57561 (*Type*), *J. Umemura*, 175, Mt. Sanage, Mikawa, Japan, Aug. 1915; 27503-4, 27506, *J. Umemura*, 154, 15, 76, Nagoya, Japan; 27508, *A. Yasuda*, 253, Sendai, Japan; 27509, *K. Miyabe*, Hokkaido, Japan, Aug. 1915; 27510, *A. Yasuda*, 115, Bonin Island, July 1912; 40374, *J. Umemura*, 73, Nagoya, Japan, Aug. 1912; 27505, *H. P. de la Bathie*, 1321, Madagascar.

POLYSTICTUS FLEXIBILIS Lloyd Myc. Writ. **7**: 1111, pl. 192 (f. 2066), Feb. 1922.

Specimen: 48865 (*Type*), *C. Torrend*, 299, Brasil. "A thin plant that could be referred to either *Hexagona* or *Polystictus*. The pores are *Hexagona*, but the pliant nature indicates *Polystictus*."

POLYSTICTUS FORMOSAE Lloyd Myc. Writ. **5**: 632, f. 899, Jan. 1917.

Polystictus formosae Yasuda Bot. Mag. Tokyo **31**: (170), July 1917.

Specimen: 13397 (*Type*), *A. Yasuda*, 391, Formosa, July 1916. "I have a feeling that it is an extreme form of *P. persoonii*."

POLYSTICTUS FUSCO-ZONATUS Lloyd Myc. Writ. **5**: L. 69: 12, April 1919.

Specimens: 44166 (*Type*), 44165, 44478, *T. Hunter*, 309, 115, 117, W. Africa. "This is quite close to and possibly the same as *Polyporus brunneo-maculatus* from India."

POLYSTICTUS GILVOCOLOR Lloyd Myc. Writ. **7**: 1239, pl. 266 (f. 2630), Jan. 1924.

Specimen: 53798 (*Type*), *W. Docteurs van Leeuwen*, 224, Island of Sebesie, near Sumatra. "Appears to belong to the *Gilvus* group, but it does not as it has no setae."

POLYSTICTUS GLABRATUS Lloyd Myc. Writ. **5**: 626, f. 889, Jan. 1917.

Polystictus glabratus Yasuda Bot. Mag. Tokyo **31**: 58, (15), Feb. 1917. Shirai and Hara Japanese Fungi, ed. 3, p. 298, 1927.

Specimens: 56360 (*Type*), *A. Yasuda*, 372, Sendai, Japan, Oct. 1915; 48579, *S. Kamei*, 541, Sapporo, Japan, April 1920; 56375, *A. Yasuda*, 107, Mt. Akagi,

Kotsuke, Japan, May 1912. Lloyd first used the name in acknowledging specimens received in *Myc. Writ.* **5**: L. 63: 9, Nov. 1916.

POLYSTICTUS GLABRO-RIGENS Lloyd *Myc. Writ.* **7**: 1145, pl. 208 (f. 2192), July 1922.

Specimens: 48532 (*Type*), 48861, *M. Ramos*, 2182, 2098, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

POLYSTICTUS GLABRO-TABACINUS Lloyd *Myc. Writ.* **7**: 1152, pl. 215 (f. 2243), July 1922.

Specimen: 54667 (*Type*), *L. Rodway*, 1152, Hobart, Tasmania.

POLYSTICTUS GLAUCO-EFFUSUS Lloyd *Myc. Writ.* **7**: 1334, pl. 320 (f. 3074), March 1925.

Specimens: 53641 (*Type*), *P. van der Bijl*, 1470, U. So. Africa. The name was published as *P. glauco-effuses*, a typographical error, as indicated by the correct legend to fig. 3074, and the original manuscript of the published note.

POLYSTICTUS GLAUCOPORUS Lloyd *Myc. Writ.* **7**: 1334, pl. 321 (f. 3080), March 1925. *Van der Bijl* *So. African Journ. Sci.* **21**: 313, Nov. 1924 (as *Polyporus*).

Specimen: 53827 (*Type*), *P. van der Bijl*, 1066, Victoria Falls, Rhodesia.

POLYSTICTUS (AMAURODERMUS) GRACILIS (Berk.) Lloyd *Myc. Writ.* **3**: Stip. 117, f. 414, March 1912; **4**: L. 56: 6, 1915.

Hexagona gracilis Berk. *Journ. Bot. and Kew Misc.* **8**: 237, 1856.

Specimens: 56814, 57150, *C. Torrend*, Bahia, Brasil.

POLYSTICTUS HETEROMORPHUS (Fr.) Lloyd *Myc. Writ.* **5**: L. 62: 8, June 1916. *Lenzites heteromorpha* Fr. *Epier. Myc.* 407, 1838.

Specimen: None filed under this name. "The same plant or the Trametoid form of *Lenzites heteromorpha* Fr."

POLYSTICTUS HEXAGONOIDES Lloyd *Myc. Writ.* **5**: 820, f. 1371, March 1919.

Specimens: 53834 (*Type*), 53833, *C. Torrend*, 692, 798, Bahia, Brasil.

POLYSTICTUS HIRSUTELLUS Lloyd *Myc. Writ.* **5**: L. 67: 2, July 1918. *Nomen nudum*.

Specimen: 13543, *W. E. Barker*, Waikonini, New Zealand. The name was used in reporting (loc. cit.) determinations to Barker, but without description. As indicated by Cunningham (*Trans. N. Z. Insti.* **58**: 232, 1927) the specimen should be referred to *Polyporus hirsutus* Fr. Lloyd's use of the name (*Myc. Writ.* **5**: L. 69: 10, April 1919) for a specimen from E. B. Sterling, New York, was in error for *P. hirsutululus*, the specimen being filed under the latter name.

POLYSTICTUS HIRSUTUS (Wulf.) Fr. f. *ALBIDUS* Lloyd in herb.

Specimens: 13268 (*Type*), 13265, *A. Yasuda*, Sendai, Japan, Nov. 1910 and Sept. 1909; 13263, *S. Kamei*, 532, Mt. Monoa, Sapporo, Japan, Oct. 1920. This name was used by Lloyd in reporting determinations to Yasuda (*Myc. Writ.*

3: L. 38: 10, Dec. 1911; 4: L. 42: 16, Oct. 1912), but no description published. Yasuda cites the name in Bot. Mag. Tokyo 31: 57, 1917.

POLYSTICTUS HIRSUTUS (Wulf.) Fr. var. *ALBUS* Lloyd Myc. Writ. 6: 1096, May 1921 (as *P. hirsutus*).

Specimens: 48830 (*Type?*), T. Yoshinaga, Mt. Shiraga, Tosa, Japan, 1919; 13808, S. Kamei, 551, Sapporo, Japan; 48816, J. M. Grant, 912, Washington. As nearly as may be judged from Lloyd's brief notes this is the same as the preceding, being merely a careless use of *albus* for *albidus*.

POLYSTICTUS HIRSUTUS (Wulf.) Fr. f. *PORES ADUSTUS* Lloyd in herb.

Specimens: 13266 (*Type*), 13260, 13269, A. Yasuda, Sendai, Japan. "I think this must be referred as a pale form of *P. hirsutus* for it agrees in every character except color with the ordinary form." This name was used by Lloyd in reporting determinations to Yasuda (Myc. Writ. 3: L. 38: 10, Dec. 1911), but no description published. Yasuda used the name in Bot. Mag. Tokyo 31: 57, 1917.

POLYSTICTUS HOUSTONII Lloyd Myc. Writ. 6: 897, pl. 137 (f. 1573), Oct. 1919.

Specimen: 53799 (*Type*), Geo. L. Fisher, 24, Houston, Texas, Oct. 1918.

POLYSTICTUS HUNTERI Lloyd Myc. Writ. 7: 1315, pl. 308 (f. 3012), Oct. 1924.

Specimens: 15055 (*Type*), T. Hunter, Gold Coast, W. Africa (in herbarium as *P. musicolor*); 15057, T. Hunter, Gold Coast; 15056, T. D. Maitland, Uganda; 15063, H. P. de la Bathie, 1336, Madagascar; 15064, 55891, G. Zenker, Cameroons, W. Africa; 26982, Chas. A. O'Connor, Zanzibar; 55345, W. Small, Uganda (reported in Myc. Writ. 5: L. 65: 16, as *Polyporus cinerascens*).

POLYSTICTUS HUTCHINGSII Lloyd Myc. Writ. 7: 1316, pl. 310 (f. 3020), Oct. 1924. Butler and Bisby Fungi of India, p. 122, 1931.

Specimens: 16756 (*Type*), S. Hutchings, Bengal; 15051, T. Petch, 2871, Ceylon.

POLYSTICTUS IMBRICATUS Lloyd Myc. Writ. 5: 791, f. 1191, Aug. 1918.

Specimens: 48561 (*Type*), E. Cheel, 67, Lord Howe Island; 48535, J. H. Maiden, N. So. Wales; 48571, L. Rodway, 1075, Tasmania; 48580, W. A. Scarfe, New Zealand; 48596, Helen K. Dalrymple, New Zealand. Not *Polyporus imbricatus* (Bull.) Fr., hence must be renamed if a valid species. Cunningham (Trans. N. Z. Insti. 58: 244, 1927) considers it very doubtful.

POLYSTICTUS IMMACULATUS Lloyd Myc. Writ. 7: 1110, pl. 192 (f. 2061), Feb. 1922. Van Overeem Bull. Jard. Bot. Buitenzorg 4: 68, 1922 (as *Polyporus*).

Specimen: 36284 (*Type*), N. A. Nuñez, 89, Ecuador. Lloyd applied the same name to a form from Malacca and Singapore (Myc. Writ. 7: 1320, Oct. 1924). This latter form is distinct from the Ecuadorean, and hence if new must be renamed. *Specimens*: 56378 (*Type*), R. E. Holttum, 9695, Malacca, Nov. 1922; 15050, R. E. Holttum, 9097, Singapore, March 1924. Both apparently distinct from *Polyporus immaculatus* Fr. (See Myc. Writ. 4: Ap. 299, f. 637).

POLYSTICTUS INCISUS Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2267), July 1922; **7**: 1238, pl. 266 (f. 2628), Jan. 1924.

Specimens: 45612 (*Type*), *M. Ramos* and *G. Edaño*, Bur. Sci. 28919, Tayabas Province, Luzon, Phil. Islands; 45598, *M. Ramos* and *G. Edaño*, Bur. Sci. 36493, Malangas, Mindanao, Phil. Islands, Oct. 1919; 45621, *H. J. Laur*, 800, Dutch New Guinea, Sept. 1920.

POLYSTICTUS (AMAURODERMUS) JURUENSIS (*P. Henn.*) Lloyd Myc. Writ. **3**: Stip. 121, March 1912 (as *P. juriensis*).

Polystictus sacer Fr. var. *juruensis* *P. Henn.* Hedw. **43**: 180, 1904.

Specimens: None in the Lloyd collection. Bresadola refers this species (*Sacc. Syll. Fungorum* **23**: 382, 1925) to *Polyporus procerus* Berk.

POLYSTICTUS LAMII Lloyd Myc. Writ. **7**: 1240, pl. 267 (f. 2634), Jan. 1924.

Specimens: 56377 (*Type*), 56376, *H. J. Lam*, 188 h, 802, Doorman River, Dutch New Guinea, Sept. 1920.

POLYSTICTUS LAVENDULUS Lloyd Myc. Writ. **7**: 1121, pl. 201 (f. 2142), Feb. 1922.

Specimens: 48530 (*Type*), *S. M. Stocker*, Minnesota; 48531, 48539, *S. M. Stocker*, Fergus Falls, Minnesota. To the label of the last specimen cited Lloyd adds, "These were collected on the same log as the former, but are only the usual form of *P. pargamensis*."

POLYSTICTUS LICNICOLA Lloyd Myc. Writ. **5**: 696, f. 1039, July 1917. *Sacc.*

Syll. Fungorum **23**: 409, 1925. *Torrend Broteria* **22**: 11, 1926.

Polystictus lloydii Torrend in litt.

Specimen: 37791 (*Type*), *C. Torrend*, 667, 668, Bahia, Brasil.

POLYSTICTUS LUTEO-AFFINIS Lloyd Myc. Writ. **6**: 1001, pl. 165 (f. 1821), Sept. 1920.

Specimens: 38871 (*Type*), 38872, 38873, *J. Gossweiler*, 157, 41, 106, Angola, Portuguese W. Africa; 1996, *M. Ramos*, Bur. Sci. 2147, Luzon, Phil. Islands; 1997, *H. M. Curran*, Bur. For. 7487, Palawan, Phil. Islands; 2059, *Curran and Merritt*, Bur. For. 8968, Laguna, Phil. Islands; 38884, 38901, *Martelino and Edaño*, Bur. Sci. 35887, 35839, Mt. Bulilao and Libacao, Phil. Islands; *H. S. Yates*, Bur. Sci. 36032, Isabela, Phil. Islands. This is apparently the same form which Lloyd later called *P. affinis-luteus* (q.v.), and would appear to indicate that it was not his intention to set up formally a new species, but merely to indicate the affinities of certain specimens which were more or less intermediate between *P. affinis* and *P. luteus*.

POLYSTICTUS LUTEO-OLIVACEUS Berk. var. **FUSCUS** Lloyd Myc. Writ. **4**: L. 42:

15, Oct. 1912; **5**: 732, f. 1100, Nov. 1917. *Yasuda Bot. Mag. Tokyo* **27**: (224), April 1913. *Shirai and Hara Japanese Fungi*, ed. 3, p. 299, 1927.

Polyporus aratus Berk. *Journ. Linn. Soc. London* **14**: 350, 1875. Lloyd Myc. Writ. **7**: 1184, Jan. 1923.

Specimens: Based on a specimen from *Yasuda*, Japan, not represented in the Lloyd herbarium. Both of the above species are referred to *Trametes acu-*

punctata Berk. Linn. Journ. **13**: 164, 1872, by Bresadola (Sacc. Syll. Fungorum **23**: 376, 1925).

POLYSTICTUS MACOUNII Lloyd Myc. Writ. **4**: L. 53: 9, Nov. 1914.

Specimens: 53783 (*Type*). 48928, *J. Macoun*, 65, Sydney, Brit. Col.; 48926, 53782, 53794-6, *J. M. Grant*, Washington; 48927, 53793, *S. M. Zeller*, 2054, 727, Oregon and Washington; 53788, *O. M. Oleson*, 707, California; 53789, *J. Dearness*, 212, Vancouver Island, Brit. Col.; 53791, *M. S. Whetstone*, Minneapolis, Minnesota; 53792, *C. H. Kauffman*, New York; 53784, *P. J. Piensar* and 52790, *A. V. Duthie*, U. So. Africa. Very close to *Polystictus versicolor* and probably best considered as a variety only.

POLYSTICTUS MINUTOPORUS Lloyd Myc. Writ. **7**: 1317, pl. 311 (f. 3027), Oct. 1924.

Specimen: 43246 (*Type*), *K. Masui*, 14, Kyoto, Japan.

POLYSTICTUS MULTIFIDUS (Klotzsch) Lloyd Myc. Writ. **4**: L. 59: 4, Oct. 1915. *Thelephora multifida* Klotzsch Linnaea **25**: 364, 1852.

Specimens: None in Lloyd herbarium under this name. Based on a specimen at Berlin as *Thelephora*. "A thin, tropical, lacerate form of *Polystictus fimbriatus* Fr."

POLYSTICTUS OBESUS Ell. & Ev. Bull. Torr. Bot. Club **24**: 125, 1897.

This species is attributed to Lloyd in Sacc. Syll. Fungorum **21**: 310, 1912, in error.

POLYSTICTUS OBLECTABILIS Lloyd Myc. Writ. **3**: Stip. 164, f. 464, March 1912; **4**: L. 52: 18, June 1914. Torrend Broteria **22**: 12, 1926.

Specimens: Based on *Ule*, Myc. brasiliensis, 48, issued as *Polystictus oblectans* Berk. Not represented in the Lloyd herbarium.

POLYSTICTUS OBLIVIONIS Lloyd Myc. Writ. **3**: Stip. 164, f. 465, March 1912.

Specimens: None in Lloyd herbarium, the species based on a specimen at Kew collected by Spruce in Brasil. Torrend (Broteria **22**: 10, 1926) attributes the species to Spruce, but in error.

POLYSTICTUS OCCIDENTALIS Kl. var. *LANATUS* Lloyd Myc. Writ. **4**: L. 39 bis: 2, July 1912.

Polystictus lanatus Fr. Nova Acta Soc. Sci. Upsala, ser. 3, **1**: 90, 1851.

Specimen: 3213, *H. P. de la Bathie*, Madagascar.

POLYSTICTUS OCHRACEO-STUPPEUS Lloyd Myc. Writ. **5**: L. 63: 11, Nov. 1916.

Specimen: 53653 (*Type*). *E. Cheel*, 22, Ashfield, New So. Wales. Published as above, but the specimen labelled by Lloyd in error as *P. ochraceo-textus*.

POLYSTICTUS OCHROHIRSUTUS Lloyd Myc. Writ. **7**: 1233, pl. 262 (f. 2591), Sept. 1923.

Specimens: 48837 (*Type*). *J. E. A. Lewis*, Japan; 13147, *L. J. K. Brace*, Bahamas. "Of course this is only a color form of the common *P. hirsutus*."

POLYSTICTUS OCHROTENUS Lloyd Myc. Writ. **7**: 1318, pl. 312 (f. 3034), Oct. 1924.

Specimen: 44496 (*Type*), B. K. Sahib, 11415, Singapore, Sts. Settlements, Nov. 1923.

POLYSTICTUS PALLIDUS Lloyd Myc. Writ. **6**: 1006, pl. 168 (f. 1845), Sept. 1920.

Specimens: 38856 (*Type*), M. Noor, 5561, Selangor, Brit. Malaya, Jan. 1920; 38855, T. F. Chipp, 5872, Singapore, Sts. Settlements.

POLYSTICTUS PARGAMENUS Fr. form *LUTESCENS* Lloyd Myc. Writ. **4**: L. 44: 6, Jan. 1913.

Specimen: 25239 (*Type*), N. Shestounow, 1703, Russia.

POLYSTICTUS PELLUCIDUS Lloyd Myc. Writ. **4**: 554, f. 760, Feb. 1916; **5**: L. 65: 11, March 1917.

Lloyd discusses under this name (loc. cit.) a specimen received from J. Umemura, Japan, stating, "This species was heretofore known to me only from the type at Leiden. I think it is badly named, for it is not pellucid. The type specimen is largely resupinate, but has a pileate development and is surely not a *Poria*, as compiled in Saccardo." He uses the same name (Myc. Writ. **3**: L. 37: 2, June 1911) in his discussion of the Polyporoid types of Junghuhn at Leiden. Trotter in Sacc. Syll. Fungorum **23**: 412, 1925, considers Lloyd's note as the description of a new species with the Umemura specimen as the type. It is clear, however, that Lloyd did not intend to set up a new species in this case, but to refer it to *Polyporus pellicula* Jungh. Floram Crypt. Javae 44, 1839, a species compiled in Saccardo's Syll. Fungorum **6**: 333, as *Poria pellicula* Jungh. This error, it is noted, was first made by Lloyd in his manuscript notes, made at the time of his visit to Leiden. The name *P. pellucidus* has been in part already pre-empted by Berkeley, Report on the fungi collected during the expedition of H.M.S. Challenger in Journ. Linn. Soc. London **14**: 350, 1875 (Sacc. Syll. Fungorum **6**: 233). In as much as the Umemura specimen is not now in the Lloyd herbarium, Lloyd's use of the name can be deleted.

POLYSTICTUS PERSOONII Fr. forma *RUBRIPORUS* Lloyd Myc. Writ. **4**: L. 39 bis: 1, July 1912.

Specimen: 14889 (*Type*), H. P. de la Bathie, Madagascar. (Lloyd filed the specimen under *Trametes*.)

POLYSTICTUS PRAEGRACILIS Lloyd Myc. Writ. **7**: 1206, pl. 249 (f. 2499), July 1923.

Specimen: The species was based on a specimen collected by H. S. Yates in Sumatra, but missing from the Lloyd collections.

POLYSTICTUS PROLIFERUS Lloyd Myc. Writ. **3**: Pol. 8, f. 202, Feb. 1908.

Specimen: 45583 (*Type*), M. Bubna, Cleveland, Ohio. "This has been published as a possible sport of *P. perennis*. It is very dubious."

POLYSTICTUS PROSECTOR Lloyd Myc. Writ. **7**: 1147, pl. 210 (f. 2207), July 1922.
Specimens: 53787 (*Type*), 53785, 53786, *H. H. Hu*, Chekiang, China.

POLYSTICTUS PSEUDOPERENNIS Lloyd Myc. Writ. **3**: Mic. 53, 57, f. 339, Aug. 1910.
Sacc. Syll. Fungorum **21**: 310, 1912.

Specimens: 2607, 38899, *A. D. E. Elmer*, 6046, Benguet Prov., Luzon; 38902, *H. Ramos*, Bur. Sci. 27065, Mt. Posucy, Luzon; 43251, *H. S. Yates*, Bur. Sci. 25142, Laguna, Luzon, Oct. 1915. (All from Philippine Islands.) *Type* in Berlin Museum from Africa.

POLYSTICTUS PUROALBUS Lloyd Myc. Writ. **7**: 1224, pl. 254 (f. 2515), Sept. 1923.
Specimen: The species based on a specimen from the Federated Malay States collected by *R. E. Holttum*, but not now in the Lloyd herbarium.

POLYSTICTUS PURUS Lloyd Myc. Writ. **7**: 1158, pl. 223 (f. 2294), July 1922.
Specimen: 48608 (*Type*), *T. A. Tengwall*, Patjitan, Java, Feb. 1922.

POLYSTICTUS RARUS Lloyd Myc. Writ. **6**: 997, pl. 163 (f. 1802), Sept. 1920.
Specimen: The species was based on "a specimen found unnamed in Clinton's herbarium from Ravenel, North Carolina, but not in Ravenel's herbarium, I believe." A fragment from the *type*, 45602, *C. G. Lloyd*, 0499, in the Lloyd herbarium.

POLYSTICTUS RIGIDUS Lloyd Myc. Writ. **5**: 613, f. 867, Dec. 1916. *Sacc. Syll. Fungorum* **23**: 412, 1925.

Specimen: 45590 (*Type*), *E. Cheel*, 18, Ashfield, New So. Wales. This form appears to be distinct from *P. rigidus* Lév. Ann. Sci. Nat. II, **3**: 184, 1844, and hence if it is found to be a good species, must be renamed.

POLYSTICTUS ROSEA-BRUNNEA Lloyd.

See *Polyporus rosea-brunnea* Lloyd.

POLYSTICTUS ROSEOLUS (Rick) Lloyd Myc. Writ. **7**: 1330, pl. 316 (f. 3047), Oct. 1924.

Polyporus roseolus Rick in Theiss. Denksch. Math. Naturw. Kl. Akad. Wiss. Wien 1911: 26. *Sacc. Syll. Fungorum* **23**: 362, 1925.

Specimens: 48602, 48598, *J. Rick*, Brasil. Lloyd had no intention apparently of making a new combination here, merely assuming that Rick's abbreviated name *P. roseolus* on the label was to be interpreted as *Polystictus*.

POLYSTICTUS ROSEOPORUS Lloyd Myc. Writ. **7**: 1331, pl. 317 (f. 3053), Oct. 1924.

Specimens: 45607 (*Type*), *R. E. Holttum*, 10939, Ulu Kahang, Johore, June 1923; 36458, *C. Boden Kloss*, 14583, Sumatra, 1924.

POLYSTICTUS RUFO-RIGIDUS Lloyd Myc. Writ. **7**: 1330, pl. 316 (f. 3045), Oct. 1924.

Specimen: 55893 (*Type*), *C. C. Brittlebank*, Melbourne, Victoria.

POLYSTICTUS SCHIZODON (Lév.) Lloyd Myc. Writ. **7**: 1270, pl. 282 (f. 2772), June 1924.

Hydnum schizodon Lév. Champ. Exot. Ann. Sc. Nat., II, **3**: 204, 1844.

Specimens: 48526, 48527, *O. A. Reinking*, Tela, Honduras, 1922.

POLYSTICTUS SCOPULOSUS Lloyd Myc. Writ. **5**: 843, f. 1411, April 1919.

Specimen: 45584 (*Type*), *A. Yasuda*, 533, Sendai, Japan, Dec. 1917. Saccardo and Trotter in Sacc. Syll. Fungorum **23**: 415, 1925, note with reference to this species, "Nomine nobis tantum notum." Based on the same material Yasuda (Bot. Mag. Tokyo **33**: 167, July 1919) publishes the name as sp. nov.

POLYSTICTUS SEBESIEI Lloyd Myc. Writ. **7**: 1240, pl. 267 (f. 2635), Jan. 1924.

Specimen: 38861 (*Type*), *W. Docteurs van Leeuwen*, 692, Island of Sebesie, near Sumatra, Dutch East Indies, Jan. 1922.

POLYSTICTUS SEMINCRUSTANS Lloyd Myc. Writ. **7**: 1236, pl. 264 (f. 2621), Sept. 1923.

Specimens: 48533 (*Type*), *S. Rapp*, Florida, Oct. 1922.

POLYSTICTUS SEMISANGUINEUS Lloyd Myc. Writ. **4**: L. 39: 8, Feb. 1912.

Specimen: 46345 (*Type*), *H. N. Ridley*, Singapore, Sts. Settlements.

POLYSTICTUS SEPIA Lloyd Myc. Writ. **7**: 1155, pl. 219 (f. 2265), July 1922.

Specimens: 43260 (*Type*), *E. Fenix*, Bur. Sci. 28441, Mt. Sulu, Luzon, Phil. Islands; 38627, 38903, *E. Fenix*, Bur. Sci. 28289, 28278, Luzon, Phil. Islands; 43259, *Ramos and Pasgasio*, Bur. Sci. 35908, Mindanao, Phil. Islands.

POLYSTICTUS SERICATUS Lloyd Myc. Writ. **3**: Stip. 120, f. 417, March 1912.

Specimen: The species based on a specimen at Kew, collected by *J. H. Holland*, Old Calabar, Africa. Not represented in the Lloyd herbarium.

POLYSTICTUS SETULOSUS (P. Henn.) Lloyd Myc. Writ. **6**: 972, May 1920; **6**: 1044, pl. 176 (f. 1918), May 1921.

Poria setulosa P. Henn. Engl. Jahrb. **28**: 321, 1900.

Elmerina setulosa (P. Henn.) Bres. Ann. Myc. **10**: 507, 1912.

Specimens: 1900, 13109, *R. C. McGregor*, Bur. Sci. 10535, Island Polillo, Oct.-Nov. 1909; 1901, *E. Fenix*, Bur. Sci. 12838, Sablang, Prov. Benguet, Luzon; 48525, *S. Panganiban*, 3347, Los Baños, Sept. 1917. (All Philippine Islands.)

POLYSTICTUS SIMILIS Lloyd Myc. Writ. **7**: 1159, pl. 224 (f. 2300), July 1922.

Specimen: 48587 (*Type*), *T. A. Tengwall*, Patjitan, Java, Feb. 1922.

POLYSTICTUS SINUOSUS (Fr.) Lloyd Myc. Writ. **5**: 626, f. 888, Jan. 1917.

Poria sinuosus Fr. Syst. Myc. 381, 1825.

Specimens: 13382, *J. R. Johnston*, 1291, Rio Piedras, Puerto Rico, Feb. 1914, and an extensive series filed under *Poria sinuosus*. Overholts (in Seaver and Chardon Sci. Surv. P. R. **8**: 168, 1926) refers the Puerto Rican specimen cited to *Polyporus tulipiferus* (Schw.) Overh.

POLYSTICTUS STRIATULUS Lloyd Myc. Writ. **6**: 890, pl. 133 (f. 1548), Oct. 1919.

Specimen: 38895 (*Type*), *H. M. Curran*, Bur. Sci. 19285, Phil. Islands. This specimen referred by Bresadola to *P. squamaeformis* Berk., but in error according to Lloyd (loc. cit.).

POLYSTICTUS SUBAFFINIS Lloyd Myc. Writ. **4**: 550, f. 755, Feb. 1916; **7**: 1239, pl. 267 (f. 2633), Jan. 1924. Yasuda Bot. Mag. Tokyo **31**: 59, 1917. Shirai and Hara Japanese Fungi, ed. 3, p. 300, 1927.

Specimens: 40370 (*Type*), J. Umemura, 66, Mikawa, Japan, Sept. 1911, on *Pasania cuspidata*; 38864, C. van Overeem, 558, Java; 40359, 40360, 40363, 40364, 40367, A. Yasuda, 46, 244, 390, H, 246, Japan; 40361, 40362, 40365, 40366, J. Umemura, Japan; 40368, S. Kawamura, 22, Japan; 40369, K. Miyabe, 21, Hokkaido; 40371, 57571, J. P. Mousset, Java; 40372, J. C. Koningsberger, Java; 40273, V. Demange, Indo-China.

POLYSTICTUS SUBCAPERATUS Lloyd Myc. Writ. **6**: 996, pl. 161 (f. 1795), Sept. 1920.

Specimen: 53802 (*Type*), J. B. Cleland, 560, Sydney, New So. Wales.

POLYSTICTUS SUBCONGENER (Berk.) Lloyd Myc. Writ. **6**: 898, pl. 137 (f. 1578), Oct. 1919; **6**: 935, pl. 150 (f. 1710), Jan. 1920.

Daedalea subcongener Berk. Grev. **19**: 93, 1890.

Specimen: 13108, J. B. Cleland, 542, Sydney, New So. Wales.

POLYSTICTUS SUBICULOIDES Lloyd Myc. Writ. **7**: 1331, pl. 317 (f. 3052), Oct. 1924.

Specimen: 48723 (*Type*), I. B. Pole-Evans, 1357, Natal, April 1922.

POLYSTICTUS SUBOCHRACEUS Lloyd Myc. Writ. **7**: 1191, pl. 235 (f. 2392), July 1923. Rick Broteria Ser. Bot. **21**: 10, 1924.

Specimen: 48253 (*Type*), J. Rick, Brasil.

POLYSTICTUS SUBPICTUS Lloyd Myc. Writ. **4**: L. 43: 3, Oct. 1912. Yasuda Bot. Mag. Tokyo **31**: 59, 1917.

Specimen: 45610 (*Type*), J. Umemura, Taki, Mikawa, Japan, July 1912.

POLYSTICTUS SUBREFLEXUS Lloyd Myc. Writ. **6**: 884, pl. 128 (f. 1524), Oct. 1919.

Specimen: 53648 (*Type*), S. Marquez, Bur. Sci. 3382, Mt. Maquiling, Luzon, Phil. Islands, Sept. 1917.

POLYSTICTUS TENUICULUS Lloyd Myc. Writ. **7**: 1155, pl. 220 (f. 2269), July 1922. Petch Ann. Roy. Bot. Garden Peradeniya **6**: 285, 1922.

Specimens: 53769 (*Type*), R. C. McGregor, Bur. Sci. 18368, Bilisan, Phil. Islands, June 1914; 53832, T. Petch, 4727, Ceylon.

POLYSTICTUS THWAITESII (Berk.) Lloyd Myc. Writ. **5**: L. 65: 16, March 1917; **7**: 1316, pl. 311 (f. 3023), Oct. 1924.

Fomes thwaitesii Berk. Hooker's Journ. Bot. **6**: 229, 1854.

Specimens: 44477, 44486, 44501, 44502, 44512, T. Petch, 3749, 2965, 4258, 2871, Ceylon.

POLYSTICTUS TURGIDUS Lloyd Myc. Writ. **7**: 1193, pl. 237 (f. 2406), July 1923.

Specimen: 48537 (*Type*), M. Ramos, 2099, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

POLYSTICTUS XANTHOPUS-CONCINNUS Lloyd Myc. Writ. **5**: 618, f. 876, Dec. 1916.
Specimen: 38868 (*Type*), *P. van der Bijl*, 284, Durban, Natal.

PORIA

PORIA CROCEA (Pers.) Lloyd Myc. Writ. **7**: 1129, Feb. 1922.

Specimen: 8565, *L. Rodway*, 1142, Tasmania. "Resupinate *Polyporus croceus* (Pers.) Fr."

PORIA CYLINDRISPORA Lloyd Myc. Writ. **5**: L. 65: 9, March 1917. Sacc. Syll. Fungorum **23**: 418, 1925.

Fomitiporia cylindrispora (Lloyd) Murr. Myc. **12**: 17, 1920.

Specimen: 49067 (*Type*), 49852, *James R. Weir*, 711, Grant's Pass, Oregon, Sept. 1916, on *Quercus garryana*.

PORIA EPIMILTINA (Berk. & Br.) Lloyd Myc. Writ. **6**: 969, May 1920; **7**: 1209, July 1923. Wakefield Kew Bull. **1934**: 249, 1934.

Polyporus epimiltinus Berk. & Br. Journ. Linn. Soc. **14**: 55, 1873. Petch Ann. Royal Bot. Gard. Peradeniya **6**: 104, 1916.

Specimens: 8436, *T. Petch*, 6064, Ceylon; 8550, 19898, *T. F. Chipp*, 5873, 5587, Brit. Malaya; 17224, 19899, 26622. comm. *O. A. Reinking*. Mt. Maquiling, Luzon, Phil. Islands. As noted by Lloyd and others, this species has various other names, *Poria borbonica* Pat., *P. vincta*, etc.

PORIA FUMOSA Bres. and Pat. in Lloyd Myc. Writ. **1**: 49, May 1901. Sacc. Syll. Fungorum **17**: 132, 1905.

Specimen: 8548 (*Type collection*), *C. G. Lloyd*, 5042, Samoa, 1900.

PORIA GLAUCOGILVA Lloyd in herb. (as *Poria glaucogilvus*.)

"Forming small resupinate patches, without distinct margins. Context practically none, the pores reaching to the base. Pore tissue brown. mouths gray, contrasting with the pore tissue. Setae abundant, typical. Spores not found. This grew on pine and is a member of the *gilvus* section. The change of color of the pore mouths from that of the pore tissue is exceptional."

Specimen: 5660 (*Type*), *A. Yasuda*, 722, Sendai, Japan, June 1919. This name was used by Lloyd in reporting determinations to Yasuda (Myc. Writ. **7**: 1346, March 1925), and the above description filed with the specimen, but not published.

PORIA MELLITA Bourdot in Lloyd Myc. Writ. **4**: 543, f. 743, Feb. 1916. Sacc. Syll. Fungorum **23**: 416, 1925.

Specimens: 17292 (*Type collection*), 5662, 17203. *H. Bourdot*, 12346, 15678, Southern France, 1913-15.

PORIA MOLLICULA Bourdot in Lloyd Myc. Writ. **4**: 543, f. 744, Feb. 1916. Sacc. Syll. Fungorum **23**: 416, 1925.

Specimens: 17053 (*Type collection*), 17216, 54787, *A. Galzin*, comm. *H. Bourdot*, 15700, 15707, Southern France, 1915. Lloyd later (Myc. Writ. **6**: 983,

NEW FUNGUS NAMES

May 1920) states, "Rev. Bourdot advises me that the plant published as *P. mollicula* is the rare *P. terrestris*."

PORIA ORCHIDACEAE Lloyd Myc. Writ. **7**: 1241, pl. 268 (f. 2640), Jan. 1924.

Specimen: 3937 (*Type*), W. Docteurs van Leeuwen, Buitenzorg Botanical Garden, Java, March 1921.

PORIA PULVINATA Lloyd Myc. Writ. **7**: 1196, pl. 243. (f. 2439), July 1923.

Specimen: 3971 (*Type*), H. Vanderyst, 11214, Belgian Congo, Nov. 1921.

PORIA XYLINA Lloyd Myc. Writ. **5**: 630, f. 895, Jan. 1917. Yasuda Bot. Mag. Tokyo **31**: 49, (94), 1917. Shirai and Hara Japanese Fungi, ed. 3, p. 303, 1927.

Specimen: 8557 (*Type*), A. Yasuda, 387, Formosa, Aug. 1916.

POROÁURICULA

POROÁURICULA Lloyd (as McGinty) Myc. Writ. **5**: 708, f. 1058, Oct. 1917.

This is another of Prof. McGinty's offerings, which Mr. Lloyd never took seriously. If recognized *Poroauricula intestinalis* (Berk.) Lloyd (loc. cit.) would become the type species. See *Laschia intestinalis*.

PTYCHOGASTER

PTYCHOGASTER AFRICANUS Lloyd Myc. Writ. **6**: 886, pl. 129 (f. 1531), Oct. 1919.

Specimens: 25153 (*Type*), 19997, T. Hunter, 238, 246, Ashanti, Africa. "*Ptychogaster* form of *Polyporus (Ganoderma) japonicus* Fr." See also *P. japonicus* Lloyd.

PTYCHOGASTER AUREUS Lloyd Myc. Writ. **6**: 1063, pl. 184 (f. 2002, 2003), May 1921.

Specimen: 19996 (*Type*), J. T. Paul, Australia. Nondescript and should not have been named.

PTYCHOGASTER CROCEUS Lloyd Myc. Writ. **7**: 1165, July 1922.

Specimen: 19995 (*Type*), James Wilson, Australia.

PTYCHOGASTER FRONDOSUS Lloyd Myc. Writ. **7**: 1270, pl. 283 (f. 2781), June 1924.

Specimen: 25142 (*Type*), L. B. Walker, Lincoln, Nebraska, 1923.

PTYCHOGASTER JAPONICUS Lloyd Myc. Writ. **5**: 681, f. 1017, June 1917.

Specimen: 55196 (*Type*), A. Yasuda, 410, Sendai, Japan, Oct. 1916. Trotter (in Sacc. Syll. Fungorum **23**: 452, 1925) refers the species to *Ceratomyces japonicus* (Lloyd) Trot.

PTYCHOGASTER LUCIDUS Lloyd Myc. Writ. **5**: 699, f. 1046, July 1917; **6**: 949, May 1920.

Specimens: 55501 (*Type*), C. Torrend, 639, Bahia, Brasil; 19993, W. A. Archer, New Mexico. "*Ptychogaster* form of *Polyporus lucidus*."

PTYCHOGASTER NIGER Lloyd Myc. Writ. **6**: 1004, pl. 167 (f. 1837, 1838), Sept. 1920.

Specimen: 25141 (*Type*), G. Zenker, Cameroons, W. Africa.

NEW FUNGUS NAMES

PTYCHOGASTER RUFESCENS Lloyd Myc. Writ. 7: 1195, pl. 241 (f. 2426), July 1923.

Specimen: 25149 (*Type*), J. B. Cleland, 749, Adelaide, So. Australia.

PTYCHOGASTER SUBICULOIDES Lloyd Myc. Writ. 7: 1143, pl. 206 (f. 2181), July 1922. Bisby, Buller, and Dearness, *Fungi Man.*, p. 123, 1929.

Specimen: 19999 (*Type*), G. R. Bisby, 1164, Winnipeg, Canada.

PTYCHOGASTER VERSISPORUS Lloyd Myc. Writ. 6: 1005, pl. 168 (f. 1840), Sept. 1920.

See *Calvatia versispora* Lloyd.

STROBILOFUNGUS

STROBILOFUNGUS Lloyd (as McGinty) Myc. Writ. 4: L. 59: 7, Oct. 1915; 4: 538, f. 740, Dec. 1915.

Based on *Strobilomyces pallescens* Cke. & Mass. Lloyd uses the specific name *pallidus*, but in error, and later (Myc. Writ. 5: 663, April 1917) corrects it. The new genus was suggested on the ground of a difference in spore shape from typical *Strobilomyces* spp. Lloyd did not actually use the name in his herbarium and it might well be deleted.

STROBILOMYCES

STROBILOMYCES INDICA Lloyd Myc. Writ. 7: 1331, pl. 318 (f. 3056), Oct. 1924.

Butler and Bisby *Fungi of India*, p. 129, 1931 (as *S. indicus*).

Specimen: 5069 (*Type*), P. L. Dey, Coimbatore, India, Sept. 1919.

TRAMETES

TRAMETES ALBOTEXTA Lloyd Myc. Writ. 5: 614, f. 868, Dec. 1916; 6: 1090, May 1921. Van der Bijl *So. African Journ. Sci.* 18: 284, 1922. *Sacc. Syll. Fungorum* 23: 433, 1925.

Specimens: 39178 (*Type*), P. van der Bijl, 181, Berea, Durban, U. So. Africa; 39180, L. Rodway, 1067, Tasmania.

TRAMETES AMPLOPORA Lloyd in herb.

"Surface strongly asperate with appressed fibrils, not zoned. Pores medium. This is the same as *Tr. aspera*, but with much larger pores. We formerly took the name *Tr. fuscella* for this large-pored form, but the series of specimens from the Philippines convinces us that *Tr. fuscella* should be taken in its original meaning and applied to a zoned plant." From Lloyd's unpublished manuscript, *History and description of the Philippine Polypores*. He also uses the name (Myc. Writ. 6: 1086, May 1921) in a general discussion of related species.

Specimens: 54559 (*Type*), E. D. Merrill, Bur. Sci. 8846, Taytay, Palawan, Phil. Islands, April 1913 (referred by Sydow to *Tr. strigata*); 13246, 38535, 53393, 53394, 53395, 53547 from E. Fenix, G. M. Reyes, and O. A. Reinking, Phil. Islands.

TRAMETES BORNEOENSIS Lloyd Myc. Writ. **7**: 1113, pl. 195 (f. 2084), Feb. 1922; **7**: 1210, July 1923.

Specimens: 46970 (*Type*), *J. Agama*, 1016 A, Brit. No. Borneo, Nov. 1920; 13249, *R. E. Holtum*, 9506, Johore, Nov. 1922 (see Myc. Writ. **7**: 1210); 53552, *G. A. Best*, 8328, Johore, Brit. Malaya, Dec. 1922.

TRAMETES BRUNEO-FLAVA Lloyd Myc. Writ. **7**: 1195, pl. 241 (f. 2424), July 1923.

Specimen: 55661 (*Type*), *Paul V. Siggers*, Costa Rica.

TRAMETES CERVINA (Pers.) Lloyd Myc. Writ. **3**: 470, March 1910; **5**: L. 67: 16, July 1918; **6**: 958, May 1920. *Yasuda Bot. Mag. Tokyo* **31**: 60, 1917.

Polyporus cervinus Pers. Myc. Eur. **2**: 87, 1825. Non *P. cervinus* Quel. Champ. Jura III: 6, 1876 ex Sacc. Syll. Fungorum **12**: 594, 1897.

Specimens: Lloyd refers here an extensive series of specimens from the United States, Brit. Columbia, Mexico, Brasil, Ecuador, Europe, Ceylon, Japan, and Australia. Lowe (Bull. N. Y. State College For. **6**^{1-b}: 98, 1934) refers the species to *Tr. mollis* (Sommerf.) Fr.

TRAMETES CINCTA Lloyd in herb.

"Belonging to the group (127) of which *Tr. cingulata* is the only common representative, this differs in having pure white context. The only other, *Tr. nubila* (Myc. Writ. **5**: L. 69: 13, April 1919) with white context is a rare plant in Ceylon. This differs from *Tr. nubila* in having prominent raised zones and it could well be called *Tr. cingulata*. To me the latter name is rarely applicable to the common plant for it is never strongly zoned (like this) and often not zoned at all." This name was used by Lloyd in reporting determinations to Bose (Myc. Writ. **6**: 1069, May 1921), and the description filed with the specimen, but never published.

Specimen: 48275 (*Type*), *S. R. Bose*, India, Dec. 1920. Bose published a description at a later date, Bull. Soc. Myc. France **38**: 173, Nov. 1922.

TRAMETES CIRRHIFER (Berk. & Curt.) Lloyd Myc. Writ. **4**: L. 40: 3, Aug. 1912. *Polyporus cirrhiferus* Berk. & Curt. Journ. Linn. Soc. **10**: 314, 1868.

Trametes cirrhifer (Berk. & Curt.) Overh. in Seaver and Chardon Sci. Survey Porto Rico **8**: 169, 1926.

Specimens: 54554, *Anna Brookes*, Brasil: 55758, *J. Rick*, Brasil; 54555, 54556, Cuba, collector unknown.

TRAMETES CONFRAGOSA Lloyd in herb. *Yasuda Bot. Mag. Tokyo* **31**: 60, Feb. 1917. *Shirai and Hara Japanese Fungi*, ed. 3, p. 392, 1927.

Specimens: 9938 (*Type?*), 9939, *A. Yasuda*, 86, 176, Sendai, Japan, Feb. 1912, Dec. 1911; 9937, *K. Miyabe*, 476, Sapporo, Japan, Aug. 1910; 40187, *M. Ludwig*, France; 40188, *F. v. Hoehnelt*, Austria. Lloyd used this name in reporting determinations to Yasuda (Myc. Writ. **4**: L. 47: 9, Nov. 1913), but did not publish any description other than to note, "Unnamed form, compare note 55. Letter **44**: 10, Jan. 1913. We do not have this form in America." Later (Myc.

Writ. **7**: 1161, July 1922) he referred here a specimen from *Roy Latham*, New York, not represented in the herbarium.

TRAMETES DICKINSII (Berk.) Lloyd ex Yasuda Bot. Mag. Tokyo **31**: 60, 1917.
In error for *Trametes dickinsii* Berk.

TRAMETES FARCTA Lloyd Myc. Writ. **4**: Ap. 351, June 1915. Sacc. Syll. Fungorum **23**: 436, 1925.
Specimens: 55380 (*Type*), 55381, *J. Rick*, 108, Brasil.

TRAMETES GILVOIDES Lloyd Myc. Writ. **4**: 520, f. 516, Nov. 1916. Sacc. Syll. Fungorum **23**: 441, 1925. Murr. Myc. **12**: 18, 1920.
Specimens: 55385 (*Type*), 55754, 55755, *C. G. Lloyd*, 2115, 2115 bis, 0019, Florida, 1897. Lloyd later (Myc. Writ. **7**: 1261, pl. 280 [f. 2766], Jan. 1924) says, "I concede it is not a true species, but see no warrant for referring it to *Poria contigua* as has been suggested." Murrill (loc. cit.) suggests that it apparently belongs to *Trametes hydnooides* Sw.

TRAMETES GUATEMALENSIS Lloyd Myc. Writ. **6**: 1091, May 1921.
Specimen: 20749 (*Type*), *Carlos F. Secord*, Guatemala. "A variation of *Lenzites (Daedalea) repanda*."

TRAMETES HETEROMORPHA (Fr.) Lloyd Myc. Writ. **4**: L. 60: 12, Dec. 1915; **5**: L. 62: 8, June 1916; **5**: 848, f. 1415-1419, June 1919. Lowe Bull. N. Y. State College For. **6**^{1-b}: 94, 1934. Shope Ann. Mo. Bot. Garden **18**: 366, 1931.

Lenzites heteromorpha Fr. Epicr. Myc. 407, 1838.

Trametes lacerata Lloyd Myc. Writ. **5**: 604, 1916.

Coriolus hexagoniformis Murr. N. Am. Flora **7**: 20, 1907.

Polystictus heteromorpha (Fr.) Lloyd Myc. Writ. **5**: L. 62: 18, June 1916.

Specimens: A considerable series assigned here from California, Washington, Colorado, Missouri, Vermont, New York, Sweden, Union of South Africa, and Japan.

TRAMETES HIRSUTUS Lloyd in herb.

Specimen: 15978 (*Type*), *C. C. Brittlebank*, Melbourne, Victoria. This name was used (Myc. Writ. **7**: 1319, Oct. 1924) in reporting determinations, but no description prepared other than a note, "A Trametoid form of *Polystictus hirsutus*."

TRAMETES Karii Bose in Lloyd Myc. Writ. **7**: 1148, pl. 211 (f. 2214), July 1922 (as *Tr. karii*). Also Bot. Gaz. **78**: 119-120, f. 2, Sept. 1924. Butler and Bisby Fungi of India, p. 132, 1931.

Specimens: 38541, (part of *Type* collection), 39177, *S. R. Bose*, India.

TRAMETES KREKEI Lloyd Myc. Writ. **5**: L. 69: 12, April 1919. Murr. Myc. **12**: 19, 1920.

Specimen: 53857 (*Type*), *Marcus Kreke*, Franklin, Indiana.

TRAMETES LACERATA Lloyd Myc. Writ. **5**: 604, f. 854, Sept. 1916.

Specimen: 53702 (*Type*), J. R. Weir, Evaro, Montana, Sept. 1915. Lloyd later (Myc. Writ. **5**: 850, June 1919; **5**: L. 68: 9, Dec. 1919) notes that Weir has reduced the species to synonymy with *Tr. heteromorpha* (q.v.), and he adds, "The plant published as *Tr. lacerata* is doubtless the same thing as *Tr. heteromorpha* with erroneous spore measurements." Shope (Ann. Mo. Bot. Garden **18**: 366, 1931) concurs in this disposition of the species.

TRAMETES MINIMA Berk. (in mss.) in Lloyd Myc. Writ. **5**: 850, f. 1421, June 1919.

Specimen: 53729, N. L. T. Nelson, Bryan, Texas, March 1921. Lloyd states (loc. cit.) that the *type* consists of a specimen at the Paris Museum.

TRAMETES MORGANII Lloyd Myc. Writ. **5**: L. 69: 15, April 1919. Murr. Myc. **12**: 20, 1920. Lowe Bull. N. Y. State College For. **6**^{1-b}: 97, 1934.

Specimens: 53852 (*Type*), 53853, A. P. Morgan, Preston, Ohio; 55760, E. Bartholomew, 5063, Niagara Falls, New York; 55761, Wm. Knox, Cleveland, Ohio, 1898. Bresadola (Ann. Myc. **18**: 69, 1920) refers the species to *Tr. micans* (Ehrb.) Bres., but Lloyd (loc. cit.) does not agree, saying "Bresadola refers the species to *Tr. micans*, but in error for it is contrary to the description as to almost every word."

TRAMETES NIGROASPERA Lloyd Myc. Writ. **7**: 1272, pl. 285 (f. 2793), June 1924.

Specimen: 39173 (*Type*), K. Konda, 477, Sapporo, Japan, comm. K. Miyabe, Aug. 1910.

TRAMETES NIGRO-PLEBEIA Lloyd Myc. Writ. **7**: 1113, pl. 194 (f. 2078), Feb. 1922.

Specimens: 46975 (*Type*), J. Agama, 1037, Brit. No. Borneo, Nov. 1920; 46995, R. E. Holttum, 8315, Negri Sembilan, Brit. Malaya, Nov. 1922.

TRAMETES OBSCUROTENTA Lloyd Myc. Writ. **7**: 1271, pl. 284 (f. 2784), June 1924.

Specimen: 13248 (*Type*), J. Gossweiler, 319, Angola, Portuguese W. Africa.

TRAMETES OCHROLIGNEA Lloyd Myc. Writ. **5**: L. 63: 10, Nov. 1916. Van der Bijl So. African Journ. Sci. **18**: 285, 1922.

Specimen: 39172 (*Type*), P. van der Bijl, 226, Berea, Durban, U. So. Africa. Lloyd states, "Zones of annual growth and indistinct pore strata are seen, so it is really a *Fomes*."

TRAMETES PERGAMENA Lloyd Myc. Writ. **5**: L. 65: 9, March 1917.

Specimens: Lloyd based the name on a specimen from J. R. Weir, Montana, which has not been located in the herbarium. He notes, "A thick trametoid form of *Polystictus pergamenus* Fr. *P. subchartaceus* (Murr.) is the same thing."

TRAMETES PLEBEIA (Berk.) Lloyd Myc. Writ. **4**: Fom. 227, Jan. 1915; **7**: 1113, pl. 194 (f. 2079), Feb. 1922.

Polyporus plebejus Berk. Fl. N. Z. vol. **2**: 179, 1855.

Specimens: 2031, 46971, C. B. Robinson, Bur. Sci. 6699, 6690, Mindoro; 46993, E. B. Copeland, Phil. Islands.

TRAMETES PUSILLA Lloyd Myc. Writ. **5**: 774, f. 1165, June 1918; **7**: 1207, July 1923 (as *Tr. pusillus*). Murrill Myc. **12**: 21, 1920. Lowe Bull. N. Y. State College For. **6**^{1-b}: 95, 1934.

Specimens: 27472 (*Type*), 27473, S. M. Stocker, Duluth, Minnesota; 38539, Roy Latham, 376, Greenport, New York, 1912.

TRAMETES QUERCINA Lloyd Myc. Writ. **7**: 1114, pl. 195 (f. 2088), Feb. 1922. Lowe Bull. N. Y. State College For. **6**^{1-b}: 101, 1934.

Specimen: 27496 (*Type*), A. H. W. Povah, 770, Whitmore Lake, Michigan, Oct. 1916.

TRAMETES RETROPICTA Lloyd Myc. Writ. **7**: 1113, pl. 194 (f. 2081), Feb. 1922.

Specimen: 13237 (*Type*), M. Noor, 5554, Weld Hill, Kuala Lumpur, Brit. Malaya.

TRAMETES ROSEOPORUS Lloyd Myc. Writ. **7**: 1116, pl. 198 (f. 2110), Feb. 1922.

Specimen: 46978 (*Type*), J. Rick, Brasil. Apparently the same as *Tr. roseopora* Rick Broteria Ser. Bot. **21**: 9, 1924.

TRAMETES ROSEO-ZONATA Lloyd Myc. Writ. **7**: 1144, pl. 206 (f. 2182), July 1922.

Specimen: 46984 (*Type*), K. Miyabe, 567, Hokkaido, Japan, July 1912, on *Abies*.

TRAMETES RUFESCENS Lloyd Myc. Writ. **5**: L. 69: 15, April 1919.

Specimen: 46973 (*Type*), C. H. Demetrio, Emma, Missouri, Oct. 1897.

TRAMETES RUGOSO-PICTA Lloyd Myc. Writ. **6**: 1039, pl. 175 (f. 1907), May 1921; **7**: 1130, Feb. 1922.

Specimens: 48274 (*Type*), L. Mille, Quito, Ecuador; 54553, Nelson A. Nuñez, 23, Ecuador.

TRAMETES SANGUINEA Lloyd Myc. Writ. **7**: 1291, June 1924.

Specimens: 13240 (*Type*), J. Rick, Rio Grande do Sul, Brasil. "A thick trametoid form of *Polystictus sanguineus* Fr." A second specimen listed from Miyabe, Japan, can not be found.

TRAMETES SENSITIVA Lloyd Myc. Writ. **5**: 710, f. 1062, Oct. 1917; **5**: L. 68: 12, Dec. 1918. Sacc. Syll. Fungorum **23**: 439, 1925.

Trametes sensitivus Yasuda Bot. Mag. Tokyo **32**: (111), April 1918. Shirai and Hara Japanese Fungi, ed. 3, p. 394, 1927.

Specimen: 53854 (*Type*), A. Yasuda, 429, Sendai, Japan.

TRAMETES STOWARDII Lloyd Myc. Writ. **5**: 683, f. 1022, June 1917.

Specimen: 46994 (*Type*), F. Stoward, Leedersville, West Australia. Lloyd used this name to designate "a form of *Tr. lilacino-gilvus*," later (Myc. Writ. **6**: 984, May 1920) stating that, "We are convinced now this is only a synonym for *Tr. lilacino-gilvus* with more strongly developed fibrillose surface."

TRAMETES STRAMINEA (Pat.) Lloyd Myc. Writ. **5**: L. 69: 13, April 1919.

Spongipellis stramineus Pat. Bull. Soc. Myc. Fr. **24**: 166, 1908.

NEW FUNGUS NAMES

Polyporus straminea (Pat.) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 266, 1912.

Specimens: 48276, *J. Rick*, Brasil; 55795, *T. Petch*, 4992, Ceylon; 58927, no data.

TRAMETES SUBFLAVA Lloyd Myc. Writ. **5**: L. 66: 8, Oct. 1917. Van der Bijl So. African Journ. Sci. **18**: 284, 1922.

Specimens: 13245 (*Type*), 13340, *P. van der Bijl*, 79, 388, Durban, U. So. Africa.

TRAMETES SUBMINIMA Lloyd Myc. Writ. **6**: 1060, pl. 182 (f. 1988), May 1921.

Specimen: 13349 (*Type*), *L. Rodway*, 1074, Tasmania.

TRAMETES SUBOCELLATA Lloyd ex Rick Brot. Ser. Bot. **21**: 9, 1924.

Specimens: No specimens filed under this name by Lloyd, and no published record found. Rick comments, "Differt a *T. ocellata* contextu bruneo et poris primitus albis. Est *T. hydnoides*."

TRAMETES SULCATA Lloyd Myc. Writ. **7**: 1146, pl. 208 (f. 2195), July 1922 (as *Tr. sulcatus*). Rick Broteria Ser. Bot. **21**: 9, 1924.

Specimens: 48278 (*Type*), 48279, *J. Rick*, Brasil.

TRAMETES TENUO-ROSEA Lloyd Myc. Writ. **7**: 1193, pl. 238 (f. 2412), July 1923.

Specimen: 46983 (*Type*), *M. Ramos*, 2114, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

TRAMETES TRANSMUTANS Lloyd Myc. Writ. **6**: 996, pl. 162 (f. 1797, 1798), Sept. 1920. Chipp Garden Bull. Sts. Settlm. **2**: 370, 1921.

Specimen: 53726 (*Type*), *T. F. Chipp*, 5364, Singapore Botanical Garden, Sts. Settlements. "A large thick-pored form of *Trametes lactea*," or of *Lenzites repanda*.

TRAMETES TRICOLOR Lloyd Myc. Writ. **6**: 998, pl. 163 (f. 1807), Sept. 1920.

Specimen: 53398 (*Type*), *A. Yasuda*, 602, Sendai, Japan, Oct. 1919. "A trametoid form of *Lenzites tricolor*." Yasuda referred the specimen to *Tr. bulliardii* Fr., a *Trametes* form of *Daedalea confragosa*.

TRAMETES TRUNCATA Lloyd Myc. Writ. **7**: 1156, pl. 221 (f. 2276), July 1922.

Specimens: 46982 (*Type*), *H. S. Yates*, Bur. Sci. 21858; 46977, *M. Ramos*, Bur. Sci. 25733, Phil. Islands.

TRAMETES TRUNCATOSPORA Lloyd Myc. Writ. **5**: 853, f. 1429, June 1919.

Specimens: 27488 (*Type*), *A. Yasuda*, 560, Prov. Harima, Japan, Oct. 1918; 27477, *A. Yasuda*, 580, Prov. Hitachi, Japan, Oct. 1918, on *Quercus glandulifera*. Lloyd reported the name to Yasuda as *Tr. truncatispora* and also spelled the name in that manner on his herbarium label. Yasuda followed this spelling in his publication (Bot. Mag. Tokyo **33**: 284, Nov. 1919), as did Trotter in Sacc. Sylloge Fungorum **23**: 441, 1925, where the statement is made "known only from the Japanese description." Yasuda (loc. cit.) published the species as new, but Lloyd clearly suggested the name, and published the first description.

NEW FUNGUS NAMES

TRAMETES VARIA Lloyd Myc. Writ. **7**: 1114, pl. 195 (f. 2089), Feb. 1922.

Specimen: 13348 (*Type*), L. Rodway, 1098, Tasmania.

TRAMETES VERSICOLOR Lloyd Myc. Writ. **6**: 1045, pl. 177 (f. 1927), May 1921.

Specimen: 27500 (*Type*), Marcial P. Espinosa, Chile. "A collection that impresses us as being only a thick and very unusual form of *Polystictus versicolor* Fr."

TRAMETES VIOLACEA Lloyd Myc. Writ. **4**: Ap. 342, June 1915 (as *Tr. violaceus*).

Van der Bijl So. African Journ. Sci. **18**: 283, 1922. Sacc. Syll. Fungorum **23**: 438, 1925.

Specimens: 13105 (*Type*), A. J. T. Janse, Natal, U. So. Africa; 53399, P. van der Bijl, 696, U. So. Africa.

TRAMETES VITREA Lloyd Myc. Writ. **5**: L. 69: 15, April 1919.

Specimen: 46979 (*Type*), H. W. Ridley, 11203, Singapore, Sts. Settlements.

TRAMETES WILDEMANI (Bres.) Lloyd Myc. Writ. **6**: 1036, pl. 174 (f. 1894), May 1921.

Hexagonia wildemani Bres. Ann. Myc. **9**: 269, 1911.

Specimens: 27468, H. L. Hammerstein, Tanganyika, E. Africa; 27485, 39195, H. Vanderyst, Belgian Congo. "For me a thick form of *Polystictus zelandicus*."

VOLVOPOLYPORUS

VOLVOPOLYPORUS Lloyd (as McGinty) Myc. Writ. **3**: 444, f. 255, Aug. 1919.

Specimens: Not represented in the Lloyd Herbarium. This "new genus" based on *Polyporus peronatus* Schulz. is one of Mr. Lloyd's pleasantries and can be ignored, except to note that it has been recorded by Saccardo (Syll. Fungorum **21**: 282, 1912).

AGARICACEAE

AMANITA

AMANITA ADNATA (W. G. Smith) Lloyd Myc. Writ. **1**: 11, Feb. 1899; Volv. **9**, 16, 1898.

Agaricus (Amanita) adnata W. G. Smith in Cke. Handb. Brit. Fungi. p. 6, 1871.

Specimen: 46307, C. G. Lloyd, College Hill, Ohio.

AMANITA AGGLUTINATA (B. & C.) Lloyd Myc. Writ. **1**: Volv. **9**, 15, 1898.

Agaricus (Amanita) agglutinatus B. & C. Jour. Bot. & Kew Misc. **1**: 97, 1849.

Specimens: Not represented in the Lloyd Collection. Beardslee in Lloyd Myc. Writ. **1**: Am. **4**, Sept. 1902, considers this synonymous with *A. baccata*.

AMANITA MUSCARIA var. COCCINEA Beardslee in Lloyd Myc. Writ. **1**: Am. **8**, pl. 3, Sept. 1902.

Specimens: None filed under this name; 46314, G. C. Fisher, Florida, filed as *Amanita coccinea*, may be this variety. Given as a synonym of *Amanitopsis parcovolvata* Pk. by Murrill N. Am. Flora **10**: 66, 1914; also by Coker Jour. Elisha Mitch. Sci. Soc. **33**: 10, June 1917.

NEW FUNGUS NAMES

AMANITA NIVALIS Lloyd Myc. Writ. 1: Volv. 9, 16, 1898; Am. 6, Sept. 1902.

Agaricus nivalis of Peek Rept. N. Y. State Mus. 33: 48, 1880, not *A. nivalis* Grev. Scot. Crypt. Fl. pl. 18, 1823.

Specimens: None in the Lloyd collection.

AMANITA ONUSTA (Howe) Lloyd Myc. Writ. 1: Volv. 9, 16, 21, 1898.

Agaricus (Amanita) onustus Howe Bull. Torr. Bot. Club 5: 42, 1874.

Specimens: None in the Lloyd Collection.

AMANITA SOLEATA (Howe) Lloyd Myc. Writ. 1: Volv. 9, 15, 21, 1898.

Agaricus (Amanita) soleatus Howe Bull. Torr. Bot. Club 5: 42, 1874.

Specimens: Not represented in Lloyd's herbarium. Referred to *Amanita volvata* by Lloyd in Myc. Writ. 1: Volv. 21, 1898.

AMANITA VELOSA (Pk.) Lloyd Myc. Writ. 1: Volv. 9, 15, 1898.

Amanitopsis velosa Pk. Bull. Torr. Bot. Club 22: 485, 1895.

Specimens: None in the Lloyd Collection.

BOLBITIUS

BOLBITIUS SORDIDUS Lloyd Myc. Writ. 1: 18, April 1899.

Specimens: None found in the Lloyd Collection. Referred by Murrill to *Mycena* as *M. sordida* (Lloyd) Murrill in N. Am. Flora 10: 190, 1917.

CAMPANELLA

CAMPANELLA AGARICINA (Mont.) Lloyd Myc. Writ. 5: 816, March 1919.

Exidia agaricina Mont. in Gay Hist. Chile 392, pl. 7, f. 11, 1850-1852.

Specimens: None in the Lloyd Collection under this name.

CAMPANELLA CUCULLATA (Jungh.) Lloyd Myc. Writ. 5: 815, f. 1358, March 1919; 6: 1096, May 1921; 7: 1225, pl. 255 (f. 2525), Sept. 1923.

Merulius cucullatus Jungh. Fl. Crypt. Java 76, 1839.

Laschia celebensis Pat. Jour. de Bot. 1: 227, pl. 4, f. 1, 2, 1887.

Campanella buettneri Henn. Engl. Bot. Jahrb. 22: 95, 1895.

Favolaschia javanica Holterm. Myk. Unters. 106, 1898.

Laschia cucullata (Jungh.) Bres. Ann. Myc. 8: 587, 1910.

Laschia javanica (Holterm.) Sacc. & Trott. in Syll. Fungorum 21: 358, 1912.

Specimens: 57771 (part of *Type*). filed as *Laschia*; 57798. J. B. Cleland, N. So. Wales; 57800. P. van der Bijl. U. So. Africa; 57801. N. Reyes, comm. O. A. Reinking; 57802. Bur. Sci. 36461. Phil. Islands; 57803, 57804. C. G. Lloyd, Samoa; 57805. A. Yasuda. 626. Japan; 57808. H. C. Beardslee, Florida.

CAMPANELLA PEZIZOIDEA (Speg.) Lloyd.

See *Rimbachia pezizoidea* (Speg.) Lloyd.

CAMPANELLA PURPUREA (B. & C.) Lloyd Myc. Writ. 5: 816, March 1919.

Laschia purpurea B. & C. Jour. Linn. Soc. 10: 322, 1869.

Laschia subcaerulea B. & C. Jour. Linn. Soc. 10: 322, 1869.

Laschia caeruleascens B. & C. Jour. Linn. Soc. 10: 323, 1869.

Laschia pensilis B. & C. Jour. Linn. Soc. **10**: 323, 1869.

Specimen: 49566, C. Wright, 330, Cuba, filed as *Laschia*.

CAMPANELLA PUSTULATA (B. & Br.) Lloyd Myc. Writ. **5**: 816, March 1919.

Laschia pustulata B. & Br. Jour. Linn. Soc. **14**: 58, 1873.

Specimens: 37981 and 37986. T. Petch, Peradeniya, Ceylon, filed as *Laschia*.

CAMPANELLA RESUPINATA Lloyd in herb.

This name was given in Lloyd's list of determinations, Myc. Writ. **7**: 1345, March 1925. His unpublished notes read as follows: "It is most puzzling how to class many collections that come in from foreign countries. They are not European genera. This suggests *Campanella* in general appearance and hymenium, but species heretofore classed in that genus are pileate. It has the appearance of being gelatinous and was sent as *Laschia*, but it is not poroid at all. If classed as *Merulius*, it would be difficult to state why not. Resupinate, in little confluent patches and with free margin, perhaps becoming effuse reflexed; subhymenial layer white; hymenium meruloid when soaked, pale rust color; spores globose, hyaline, 4 μ . It suggests to the eye *Campanella cucullata* (resupinate portion), excepting it is not a white plant."

Specimen: 57806 (*Type*), A. Yasuda, 721, Sendai, Japan, Sept. 1902.

CAMPANELLA SARASINII (Wakefield) Lloyd Myc. Writ. **7**: 1275, pl. 289 (f. 2823), June 1924.

Favolus sarasinii Wakefield. [No reference to this species could be found; possibly unpublished.]

Specimens: None in the Lloyd Collection.

CANTHARELLUS

CANTHARELLUS BICOLOR (B. & Br.) Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2538), Sept. 1923.

Trogia bicolor B. & Br. Jour. Linn. Soc. **14**: 46, 1875.

Specimens: None in the Lloyd Collection. Not *C. bicolor* Ces. Atti Accad. Napoli **8**: no. 3: 3, 1879.

CANTHARELLUS CYSTIDIOIDES Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2534-2536), Sept. 1923.

Specimen: 56912 (*Type*), J. E. A. Lewis, Japan. "Of course this is not a *Cantharellus*, but we so class it to avoid proposing a new genus."

CANTHARELLUS MULTIPLEX (Cke. & Mass.) Lloyd Myc. Writ. **6**: 934, pl. 150 (f. 1702, 1703), Jan. 1920.

Craterellus multiplex Cke. & Mass. Grev. **18**: 25, 1889.

Specimen: 45181. L. Rodway, Hobart, Tasmania, July 1919. This is distinct from *Cantharellus multiplex* Underw. Bull. Torr. Bot. Club **26**: 254, f. 1899, according to Lloyd's statement.

CANTHARELLUS PALLIDUS Lloyd Myc. Writ. **5**: 661, f. 949, April 1917.

Specimen: 54917 (*Type*), A. Yasuda, 393, Prov. Iyo, Japan, Aug. 1916.

NEW FUNGUS NAMES

CHITONIA

CHITONIA PLANA (Clements) Lloyd Myc. Writ. **1**: Volv. 17, 1898.

Clarkeinda plana Clements Bot. Surv. Neb. **4**: 23, 1896.

Specimens: None in the Lloyd Collection.

COLLYBIA

COLLYBIA ACERVATA var. LACHNOPHYLLA (Berk.) Lloyd Myc. Writ. **1**: 39, f. 11, Dec. 1900.

Agaricus (Collybia) lachnophyllus Berk., London Jour. Bot. **6**: 312, 1847.

Specimens: None in the Lloyd Collection.

COLLYBIA BOREALIS Lloyd Myc. Writ. **1**: 44, f. 18, Dec. 1900; 52, May, 1901. Sacc. Syll. Fungorum **21**: 51, 1912. /

Specimens: None in the Lloyd Collection. Possibly *Collybia inolens*, according to Bresadola as reported by Lloyd Myc. Writ. **1**: 52, May 1901.

COLLYBIA STIPITARIA var. ROBUSTA Lloyd Myc. Writ. **1**: 43, f. 16, Dec. 1900.

Specimens: None so labeled. *Type* from Michigan.

COLLYBIA STRIATULATA Lloyd Myc. Writ. **1**: 35, f. 4, Dec. 1900.

Specimens: None in the Lloyd Collection under this name.

COPRINUS

COPRINUS MINIATO-FLOCCOSUS Bres. & Pat. in Lloyd Myc. Writ. **1**: 49, May 1901. Sacc. Syll. Fungorum **17**: 91, 1905 (as *C. miniato-flexuosus*); corrected in **21**: 230, 1912.

Specimens: 29055 (*ex-Type*), C. G. Lloyd, Samoa, Jan. 1900, labeled *Coprinus aureo-floccosus*; 29054, C. G. Lloyd, Samoa, 1904-1905.

FLAMMULA

FLAMMULA RHODOXANTHUS (Schw.) Lloyd Myc. Writ. **1**: 17, April 1899; 55, May 1901.

Agaricus (Gymnopus) rhodoxanthus Schw. Fung. Carol., p. 57, 1822.

Paxillus rhodoxanthus (Schw.) Pk. Bull. N. Y. State Mus. **6**: 212, 1899.

Specimen: 49941, C. G. Lloyd, Eglon, West Virginia, 1902. In Myc. Writ. **1**: 55, May 1901. Lloyd reports Bresadola's transfer of the species to the genus *Phylloporus*; he agrees with Bresadola, since "our plant never was a very good *Flammula* and a no better *Paxillus*."

LENTINUS

LENTINUS ATRO-LUCIDUS Lloyd Myc. Writ. **6**: 1067, pl. 185 (f. 2014), May 1921.

Specimen: 56776 (*Type*), L. Rodway, 1031, Tasmania.

LENTINUS BOSTONENSIS Lloyd Myc. Writ. **7**: 1274, pl. 288 (f. 2817), June 1924.

Specimen: 54523 (*Type*), A. Hibbard, 2, Newton, Massachusetts.

LENTINUS CHORDALIS Lloyd Myc. Writ. **5**: 823, f. 1377, March 1919.

Specimen: 5545 (*Type*), N. A. Nuñez Valdez, 16, Ecuador.

LENTINUS ELMERIANUS Lloyd Myc. Writ. **7**: 1106. pl. 187 (f. 2021), Feb. 1922.
Specimens: 610 (*Type*), O. A. Reinking, 6045, Sept. 1919; 607, A. Taleon, comm. O. A. Reinking, 5976, Sept. 1919; 617, H. A. Lee, March 1921, all from the Philippine Islands.

LENTINUS EROSUS Lloyd Myc. Writ. **7**: 1359, pl. 339 (f. 3219), July 1925.
Specimen: 56770 (*Type*), H. H. Hu, 105, China.

LENTINUS FUSCO-EXACTUS Lloyd Myc. Writ. **7**: 1106. pl. 188 (f. 2024), Feb. 1922.
Specimens: 363 (*Type*), P. Nelson, 475, comm. H. A. Lee, Guam.

LENTINUS FUSCUS Lloyd Myc. Writ. **7**: 1341, pl. 327 (f. 3128), March 1925.
Specimen: 5439 (*Type*), R. E. Holttum, 10942, Singapore, Brit. Malaya.

LENTINUS GUARANITICUS (Speg.) Lloyd Myc. Writ. **5**: L. 65: 7, March 1917.
Panus guaraniticus Speg. Anal. Soc. Cient. Argentina **16**: 275, 1883.
Specimens: 57244, W. Cradwick, Jamaica; 57245, C. G. Lloyd, Cuba, March 1915.

LENTINUS LATERIPES Lloyd Myc. Writ. **7**: 1159. pl. 223 (f. 2296), July 1922.
Specimen: 56775 (*Type*), N. Reyes, 3593, comm. O. A. Reinking, Santa Cruz, Laguna, Phil. Islands, Feb. 1919.

LENTINUS NIGROGLABRUS Lloyd Myc. Writ. **7**: 1198. pl. 244 (f. 2448), July 1923.
Specimen: 5437 (*Type*), M. Ramos and G. Edaño, Bur. Sci. 37120, comm. H. A. Lee, Mt. Candoon, Mindanao, Phil. Islands, June-July 1920.

LENTINUS OCHRACEUS Lloyd Myc. Writ. **6**: 1008. pl. 170 (f. 1855), Sept. 1920.
Specimen: 47577 (*Type*), M. Ramos and G. Edaño, Bur. Sci. 36424, Malangas, Zamboana Dist. Mindanao, Phil. Islands, Oct.-Nov. 1919.

LENTINUS RAMOSII Lloyd Myc. Writ. **7**: 1197, pl. 244 (f. 2446), July 1923.
Specimens: 38405 (*Type*), and 5428, M. Ramos. 2062 and 2051. comm. H. A. Lee, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920.

LENTINUS RIVULOSUS Lloyd Myc. Writ. **5**: 840, f. 1401, April 1919.
Specimen: 5551 (*Type*), S. J. Bonansea, 2, Mexico City, Mexico.

LENTINUS SUBGLABER Lloyd Myc. Writ. **7**: 1176, pl. 229 (f. 2339, 2340), Jan. 1923. Rick Broteria Ser. Bot. **24**: 118, 1930.
Specimen: 5446 (*Type*), J. Rick. 360. Brasil. labeled *Lentinus subglabrus*.

LENTINUS TERRESTRIS Lloyd Myc. Writ. **7**: 1355. pl. 335 (f. 3187), July 1925.
Specimen: 47585 (*Type*), J. B. Cleland, 896, So. Australia.

LENTINUS TORULOSUS (Fr.) Lloyd Myc. Writ. **4**: L. 47: 13, Nov. 1913.
Panus torulosus Fr. Epier. Myc. 397, 1838.

Specimens: Sixteen collections filed under both names from R. Latham, New York; W. Herbst, Pennsylvania; Mrs. A. M. Hadley and D. B. Griffin, Vermont; E. B. Sterling, New Jersey; A. Boulton, West Virginia; W. Whetstone, Minnesota; J. Dutra, Brasil; P. Dumée, France; Mme. Schultze-Wege, Germany; C. G. Lloyd, Sweden; K. Masui, Japan.

NEW FUNGUS NAMES

LEPIOTA

LEPIOTA PROCERA form RUBESCENS Lloyd Myc. Writ. **1**: 5, Nov. 1898.

Specimens: None. *Type* from Ohio, not found in the Lloyd Collection.

NAUCORIA

NAUCORIA SCLEROTICOLA Lloyd Myc. Writ. **5**: 722, f. 1078. Nov. 1917; 753, Feb. 1918.

Specimens: 54934 (*Type*). *A. Boutlou*, Fairmont, West Virginia; also several specimens filed as *N. arvalis*: 28828, 54935, and 54942. *A. Boutlou*, West Virginia; 54938. *D. C. Babcock*, Ohio. Later referred by Lloyd to *N. arvalis* in Myc. Writ. **5**: 753, Feb. 1918.

OMPHALIA

OMPHALIA SUBIMMACULATA (Murrill) Lloyd Myc. Writ. **7**: 1319, Oct. 1924, in list of specimens.

Omphalopsis subimmaculata Murrill N. Am. Flora **9**: 315, 1916.

Specimen: 30163, *J. M. Grant*, Washington, Nov. 1923.

PANUS

PANUS CONGLOMERATUS Lloyd Myc. Writ. **7**: 1105, pl. 187 (f. 2018), Feb. 1922.

Specimen: 57781 (*Type*), *W. A. Archer*, New Mexico.

PAXILLUS

PAXILLUS AUREUS Lloyd Myc. Writ. **5**: 595, f. 837, Sept. 1916. Sacc. Syll. Fungorum **23**: 292, 1925.

Specimen: 57600 (*Type*), *J. B. Cleland*, 131, Sydney, N. So. Wales.

PAXILLUS FERRUGINOSUS Lloyd Myc. Writ. **7**: 1196, pl. 242 (f. 2437), July 1923.

Specimen: 30166 (*Type*), *M. Ramos*, 2097-b, comm. *H. A. Lee*, Sandakan, Brit. No. Borneo, Sept.-Dec. 1920. Lloyd points out that it is not a good *Paxillus* being named as such "only as a convenience."

PLEUROTUS

PLEUROTUS MINUTONIGRUS Lloyd in herb.

Named in list of specimens, Myc. Writ. **7**: 1345, March 1925. In an unpublished note, Lloyd describes this species as follows: "Minute, about 2mm. in diameter, black when dried, but soaks up brown; attached by a short recurved stem; gills few, thick, not branched, distant; texture subgelatinous; spores globose, 2 μ . This little fellow is out of our line, but belongs close to *Pleurotus niger* and I am confident it is not one of our species. It has no suggestion of *Phlebophora*."

Specimen: 30176 (*Type*), *A. Yasuda*, 718, Nikko, Prov. Shimotsuke, Japan, Aug. 1923, sent as *Phlebophora japonica* Yasuda.

PLUTEUS

PLUTEUS CERVINUS var. VISCOSUS Lloyd Myc. Writ. **1**: 13, Feb. 1899.

Specimens: None filed under this name. *Type* collected by *C. G. Lloyd*, Ohio.

NEW FUNGUS NAMES

PLUTEUS TORTUS Lloyd Myc. Writ. **1**: 15, Feb. 1899; 48, Dec. 1900. Sacc. Syll. Fungorum **23**: 188, 1925.

Specimens: None filed under this name; 42486, C. G. Lloyd, Cincinnati, Ohio, filed as *P. nanus*, may belong here, since Lloyd later referred *P. tortus* to that species as a synonym.

PLUTEUS UMBONATUS Lloyd Myc. Writ. **1**: 15, Feb. 1899. Sacc. Syll. Fungorum **23**: 192, 1925. Murrill N. Am. Flora **10**: 132, 1917.

Specimens: None found in the Lloyd Collection. *Type* from Ohio.

PSALLIOTA

PSALLIOTA CAMPESTRIS var. HORTENSIS (Cke.) Lloyd Myc. Writ. **1**: 27, Nov. 1899. *Agaricus campestris* var. *hortensis* Cke. Illus. Brit. Fungi pl. 527, 1884-1886.

Specimens: None in the Lloyd Collection.

PSALLIOTA EXSERTA (Viv.) Lloyd Myc. Writ. **1**: 28, Nov. 1899.

Agaricus exsertus Viv. Fung. Ital. 55, pl. 46, 1834-38.

Specimens: Not represented in the Lloyd Collection.

PSALLIOTA PLACOMYCES (Pk.) Lloyd Myc. Writ. **1**: 27, Nov. 1899.

Agaricus (Psalliota) placomyces Pk. Rept. N. Y. State Bot. **29**: 40, 1878.

Specimens: 41575, F. R. R. (?), Auburn, New York, July 1902; 42965, C. G. Lloyd, Cincinnati, Ohio, 1902.

PSALLIOTA SILVICOLA (Vitt.) Lloyd Myc. Writ. **1**: 28, Nov. 1899.

Agaricus campestris sylvicola Vitt. Fung. mang. 49, pl. 8, 1835.

Specimens: 42963, Barbizon, France, 1906; 41577, Glen Lake, Michigan, 1902; 41579, London, Ontario, Aug. 1897; 42969, Sweden, 1905, all coll. C. G. Lloyd.

The following names listed in Lloyd's "Synopsis and notes on species of *Psalliota* recorded from this country," Myc. Writ. **1**: 29-30, Nov. 1899, are possible new combinations for species published as *Agaricus*, but since Lloyd had few specimens or notes on these species, the names are of little value: *P. achimenes* (B. & C.), *P. argentea* (Braendle), *P. bulbosa* (McClatchie), *P. californica* (Pk.), *P. diminutiva* (Pk.), *P. elvensis* (B. & Br.), *P. fabacea* (Berk.), *P. foederata* (B. & Mont.), *P. haemorrhoidaria* (Schulzer), *P. magnifica* (Pk.), *P. maritima* (Pk.), *P. rodmani* (Pk.), *P. subrufescens* (Pk.), *P. tabularis* (Pk.), and *P. xylogenus* (Mont.).

RIMBACHIA

RIMBACHIA CYPHELLOIDES Lloyd Myc. Writ. **5**: 802, f. 1245, 1246, Oct. 1918.

Specimen: 57789 (*Type*). J. Rick. 677. Brasil, sent as *Laschia cyphelloides*.

RIMBACHIA PEZIZOIDEA (Speg.) Lloyd Myc. Writ. **5**: 817, f. 1362, March 1919.

Rick Broteria Ser. Bot. **21**: 10, 1924. Overholts in Seaver and Chardon Sci. Survey of Porto Rico **8**: 169, 1926.

NEW FUNGUS NAMES

Merulius pezizoideus Speg. Bol. Acad. Nac. Cienc. Cordoba **11**: 455, 1889.

Campanella pezizoidea (Speg.) Lloyd Myc. Writ. **3**: L. 27: 4, Jan. 1910.

Rimbachia paradoxa Pat. Bull. Soc. Myc. Fr. **7**: 159, pl. 11, f. 1, 1891.

Specimens: 57807 and 55068, J. Rick, Brasil, filed as *Campanella pezizoidea*; 2781, E. Cheel, N. So. Wales, June 1921, as *Rimbachia paradoxa*.

RIMBACHIA SPADICEA Lloyd Myc. Writ. **7**: 1107, pl. 188 (f. 2030, 2031), Feb. 1922.

Specimen: 57792 (*Type*), N. A. Nuñez Valdez, 59, Ecuador.

RIMBACHIA VITELLINA Lloyd Myc. Writ. **5**: 803, f. 1247, Oct. 1918. Rick *Broteria* Ser. Bot. **21**: 10, 1924.

Specimen: 57790 (*Type*), J. Rick, 49, Brasil.

STROPHARIA

STROPHARIA HORNEMANNI (Fr.) Lloyd Myc. Writ. **1**: 30, Nov.^o 1899.

Agaricus hornemanni Fr. Obs. Myc. **2**: 13, 1818.

Specimens: None in the Lloyd Collection.

STROPHARIA TUBEROSA Beardslee in Lloyd Myc. Writ. **5**: 751, f. 1125, Feb. 1918.

Specimens: None found in the Lloyd Collection.

TRICHOLOMA

TRICHOLOMA SHIITAKE (Schroet.) Lloyd Myc. Writ. **5**: L. 68: 8, Dec. 1918.

Collybia shiitake Schroet. Gartenfl. **35**: 105, 1886.

Cortinellus shiitake (Schroet.) Henn. Bot. Jahrb. **28**: 270, 1900.

Specimens: 57730, A. Yasuda, Sendai, Japan, May 1916; 54918, comm. E. M. Wakefield, Japan, 1910, filed under *Cortinellus*.

TROGIA

TROGIA BORNEOENSIS Lloyd Myc. Writ. **7**: 1115, pl. 197 (f. 2100, 2101), Feb. 1922.

Specimen: 57601 (*Type*), J. Agama, 1015, comm. H. A. Lee, Brit. No. Borneo, Nov. 1920.

VOLVARIA

VOLVARIA EMENDATOR (B. & C.) Lloyd Myc. Writ. **1**: Volv. 12, 17, 1898.

Agaricus (Volvaria) emendator B. & C. Ann. Mag. Nat. Hist. III. **4**: 288, 1859.

Volvaria emendator (B. & C.) Sacc. Syll. Fungorum **14**: 125, 1899.

Specimens: Not represented in the Lloyd Collection.

VOLVARIA PUBESCENTIPES (Pk.) Lloyd Myc. Writ. **1**: Volv. 11, 17, 1898.

Agaricus (Volvaria) pubescentipes Pk. Rept. N. Y. State Mus. **29**: 39, 1878.

Specimens: None in the Lloyd Collection.

VOLVARIA VILLOSAVOLVA Lloyd Myc. Writ. **1**: 31, f. 2, Nov. 1899. Sacc. Syll. Fungorum **21**: 129, 1912.

Specimens: None filed under this name: 44812, *Volvaria* sp., C. G. Lloyd,

NEW FUNGUS NAMES

Pleasant Ridge, Ohio, July 1895, may belong here. Murrill N. Am. Flora **10**: 142, 1917, refers this species to *Volvariopsis villosovolva* (Lloyd) Murrill.

XEROTUS

XEROTUS ANASTOMOSUS Lloyd Myc. Writ. **7**: 1154, pl. 217 (f. 2256-2258), July 1922.

Specimens: 57630 (*Type*), *O. A. Reinking*, 10337, Mt. Maquiling, Phil. Islands, Oct. 1920; 57628, *E. Collado*, and 57629, 57631, and 57632, *R. Habaluyas*, all from Los Baños, Phil. Islands, Sept.-Oct. 1920, on *Cocos nucifera*, comm. *O. A. Reinking*.

XEROTUS BELANGERI (Mont.) Lloyd Myc. Writ. **7**: 1227, pl. 256 (f. 2533), Sept. 1923.

Agaricus belangeri Mont. in Bélan Voy. 145, pl. 14, f. 4, 1846.

Trogia belangeri (Mont.) Fr. Epier. Myc. 402, 1838.

Specimens: None in the Lloyd Collection.

XEROTUS PHILIPPENSIS Lloyd Myc. Writ. **6**: 891, pl. 133 (f. 1550), Oct. 1919.

Specimens: 57614 and 57615 (both *Type*), *V. Serviñas*, Bur. Sci. 16941, comm. *E. D. Merrill*, Mt. Maquiling, Luzon, Phil. Islands, Nov. 1912.

PHALLACEAE

ANTHURUS

ANTHURUS ASEROEFORMIS (Fischer) McAlp. in Lloyd Myc. Writ. **2**: 408, f. 244, Aug. 1908; **3**: Phal. 42, f. 46, Sept. 1909; **7**: 1361, pl. 341 (f. 3236), July 1925.

Anthurus mullerianus Kalchbr. f. *aseroeformis* Fischer Denks. Schweiz. Nat. Gesell. **32**: 68, 1890.

Specimens: 22622, 22623, *W. E. Barker*, New Zealand; 22624, *D. McAlpine*, Victoria, Australia. Cunningham (Proc. Linn. Soc. N. So. Wales **56**: 186, 1931) reduces the species to synonymy with *A. archeri* (Berk.) Fischer. Fischer (in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 92, 1933) recognizes only the variety name as above.

ANTHURUS CALATHISCUS Lloyd Myc. Writ. **3**: Phal. 43, f. 49, Sept. 1909.

Calathiscus sepia Mont. Ann. Sci. Nat. Bot. II, **16**: 278, 1841.

As indicated by Lloyd (loc. cit.) this species is based on a very sketchy drawing and is supposed to have been found in India. Fischer (in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 93, 1933) suggests that the genus may have been based on an undeveloped specimen of *Aseroe*. All evidence suggests that both the genus (*Calathiscus*) and Lloyd's species as above should be deleted.

ASEROE

ASEROE ASEROEFORMIS Lloyd (as McGinty) Myc. Writ. **2**: Ph. A. 18, July 1907. Delete!

ASEROE MUELLERIANA (Fischer) Lloyd Myc. Writ. **2**: Ph. A. 18, f. 18, July 1907; **3**: Phal. 46, f. 53, Sept. 1909.

NEW FUNGUS NAMES

Aseroë rubra La Bill. var. *muelleriana* Fischer in Sacc. Syll. Fungorum **7**: 26, 1888.

Specimen: 51642. *A. G. Hamilton*, Willoughby, N. So. Wales. Reduced to synonymy with *A. rubra* La Bill. by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 191, 1931.

ASEROË PALLIDA Lloyd Myc. Writ. **3**: Phall. 47, f. 53a. Sept. 1909. Sacc. Syll. Fungorum **21**: 464, 1912.

Based on a specimen in the Berlin Museum collected in New Caledonia by M. Le Rat. Cunningham (Proc. Linn. Soc. N. So. Wales **56**: 191, 1931) considers the species merely a white stemmed form of *A. rubra* LaBill.

CLATHRUS

CLATHRUS AFFINIS Lloyd Myc. Writ. **3**: Phal. 60, Sept. 1909. Sacc. Syll. Fungorum **21**: 462, 1912.

Based on a specimen collected by *G. A. Ramage*, Pernambuco, Brasil, and deposited in the Brit. Museum. Lloyd appeared to have considered this as a form of *C. cibarius* (Tul.) Fischer, rather than as a distinct new species.

CLATHRUS AMERICANUS Lloyd Myc. Writ. **3**: Phal. 56, f. 71, Sept. 1909. Sacc. Syll. Fungorum **21**: 462, 1912.

Specimens: 22604 (*Type*), *Rev. Schupp*. Brasil: 22605, no data; 57832, *L. J. K. Brace*, Bahamas. Fischer (in Engler and Prantl. 2 ed., **7a**: 84, 1933) suggests that this species may be identical with *C. ruber* Pers.

CLATHRUS PSEUDOCANCELLATUS (Fischer) Lloyd Myc. Writ. **3**: Phal. 60, Sept. 1909.

Clathrella pseudocancellata Fischer Denkschrift der Schweizerisch. Naturforsch. Ges. **36**: 36, 1900.

Not represented in the Lloyd Collections. Recognized by Fischer (in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 88, 1933) under the latter name.

CLATHRUS PSEUDOCRISPIUS Lloyd Myc. Writ. **3**: Phal. 59, f. 77, Sept. 1909. Sacc. Syll. Fungorum **21**: 462, 1912.

Specimen: Not represented in the Lloyd herbarium. Based "on a figure of what is probably only a form of *C. crispus* at Kew from *Dr. McCatty*, Montego Bay, Jamaica."

CLATHRUS TREUBII (Bernard) Lloyd Myc. Writ. **2**: 334, f. 161, May 1907; **2**: 381, f. 212. Feb. 1908; **3**: Phall. 56, f. 72, Sept. 1909. Boedijn Bull. Jard. Bot. Buitenzorg III, **12**: 76, 1932.

Clathrella treubii Bernard Ann. Jard. Bot. Buit. V. **2**: 309, 1906. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 88, 1933.

Specimen: 22606, *Chas. Bernard*, Buitenzorg, Java.

CLAUTRIAVIA

CLAUTRIAVIA LAUTERBACHII (P. Henn.) Lloyd Myc. Writ. **3**: Phal. 24-26, f. 20, Sept. 1909.

Ithyphallus lauterbachii P. Henn. Engler's Bot. Jahrb. **18**: Beibl. 44: 36, 1894.

Not represented in the Lloyd herbarium. The preferred name for this species is *Echinophallus lauterbachii* P. Henn. Engler's Bot. Jahrb. **25**: 505, 1898. See Boedijn Bull. Jard. Bot. Buitenzorg III, **12**: 91, 1932, and Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 105-106, 1933.

CLAUTRIAVIA MERULINA (Berk.) Lloyd Myc. Writ. **3**: Phal. 24, f. 19, Sept. 1909.
Dictyophora merulina Berk. Intell. Observer **9**: 404, 1866.

Phallus irpicinus (Pat.) Lloyd Myc. Writ. **2**: 331, pl. 116 (f. 47), May 1907;
2: 381, fig. 211, Feb. 1908; **3**: Phal. 80, Sept. 1909.

Phallus merulinus (Berk.) Lloyd Myc. Writ. **2**: 381, Feb. 1908; **2**: Ph. A. 6, f. 2, July 1907; **3**: Phal. 80, Sept. 1909.

Specimens: 27649, R. E. Holttum. 10489, Singapore, 1924 (as *Phallus merulina*); 23189, Chas. Bernard, 401, Buitenzorg, Java (as *Phallus irpicinus*). Referred by Boedijn Bull. Jar. Bot. Buitenzorg III, **12**: 95, 1932, to *Dictyophora irpicina* Pat. In his latest comment on this genus, Lloyd, Myc. Writ. **7**: 1327, Oct. 1924, declared in favor of *Phallus*.

FLOCCOMUTINUS

FLOCCOMUTINUS ANNULATUS (Bailey) Lloyd (as McGinty) Myc. Writ. **2**: Ph. A. 12, July 1907.

See *Jansia annulata* (Bailey) Lloyd.

JANSIA

JANSIA ANNULATA (Bailey) Lloyd Myc. Writ. **3**: Phal. 34, f. 34, Sept. 1909.
Sacc. Syll. Fungorum **21**: 461, 1912.

Mutinus annulatus Bailey ex Lloyd Myc. Writ. **2**: Ph. A. 13, July 1907; Comp. Cat. Queensland Pl., p. 745, 1910.

Floccomutinus annulatus (Bailey) Lloyd Myc. Writ. **2**: Ph. A. 12, July 1907.

Not represented in the Lloyd herbarium. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **56**: 7, 1931) to *Mutinus curtus* (Berk.) Fischer.

JANSIA BONINENSIS (Fischer) Lloyd Myc. Writ. **3**: Phal. 34, f. 35, Sept. 1909.
Sacc. Syll. Fungorum **21**: 461, 1912. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 101, 1933.

Mutinus boninensis Fischer Neue Denkschr. schweiz. naturf. Ges. **33**: 39, 1893.
Lloyd Myc. Writ. **2**: 402, f. 240, Aug. 1908. Shirai and Hara Japanese Fungi, ed. 3, p. 233, 1927.

Specimen: 50553, S. Kawamura, Japan, Oct. 1919 (as *Mutinus*).

JANSIA TRUNCATA McAlpine in Lloyd Myc. Writ. **3**: 484-5, f. 377, Aug. 1910.
Sacc. Syll. Fungorum **21**: 461, 1912.

Specimen: 22613, D. McAlpine, Victoria, Australia. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **56**: 8, 1931) and Boedijn (Bull. Jard. Bot. Buitenzorg III, **12**: 84, 1932) to *Mutinus borneensis* Ces.

NEW FUNGUS NAMES

KALCHBRENNERA

KALCHBRENNERA CLATHRATUM Lloyd Myc. Writ. **7**: 1230, pl. 259 (f. 2564), Sept. 1923.

Simblum clathratum Lloyd Myc. Writ. **3**: Phal. 67, f. 88, Sept. 1909. Sacc. Syll. Fungorum **21**: 464, 1912.

Specimens: None.

LATERNEA

LATERNEA BICOLUMNATA Lloyd Myc. Writ. **2**: L. 21: 3, June 1908; **3**: Phal. 51, f. 64, Sept. 1909; **4**: L. 59: 5, Oct. 1915; L. 60: 15, Dec. 1915. Yasuda Bot. Mag. Tokyo **32**: (332), 1918.

Clathrus bicolumnatus (Kusano) Sacc. et Trott. in Sacc. Syll. Fungorum **21**: 462, 1912.

Linderia bicolumnata (Lloyd) Cunningham Proc. Linn. Soc. N. So. Wales **56**: 193, 1931.

Specimens: 57844 (*Type*). S. Kusano. Tokyo, Japan; 23183, L. C. C. Krieger, Chico, California. Fischer (in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 85, 1933) refers the species to *Colonnaria columnata* (Bosc) Fischer.

LATERNEA CRISTATA Lloyd Myc. Writ. **7**: 1278, pl. 291 (f. 2842-3), June 1924.

Specimen: 23184 (*Type*), F. L. Stevens, Costa Rica.

LATERNEA RHACODES (Moeller) Lloyd Myc. Writ. **3**: Phal. 50, f. 61, Sept. 1909.

Blumenavia rhacodes Moeller Brasilische Pilzblumen, p. 146, 1895. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 85, 1933.

Specimens: None.

LATERNEA SPEGAZZINI Lloyd (as McGinty) Myc. Writ. **2**: 322, April 1907; **3**: Phal. 51, f. 63, Sept. 1909.

Clathrus spegazzinii (Lloyd) Sacc. & Trott. in Sacc. Syll. Fungorum **21**: 462, 1912.

Specimens: None. Based on a specimen referred by Spegazzini (Anal. Mus. Nac. Buenos Aires 3 ser., **9**: 33, 1906) to *Clathrus triscapus* Turp.

LYSURUS

LYSURUS BREVIPES Lloyd Myc. Writ. **3**: L. 25: 4, Jan. 1909.

Specimen: Based on a specimen from F. W. Reader, Victoria, Australia, not now in the Lloyd Collection. The name should be deleted.

LYSURUS CRUCIATUS (Lepr. & Mont.) Lloyd Myc. Writ. **3**: Phal. 40, f. 44, Sept. 1909.

Ascerophallus cruciatus Lepr. & Mont. Ann. Sci. Nat. Bot. III. **4**: 360, 1845.

Anthurus cruciatus (Lepr. & Mont.) Fischer in Sacc. Syll. Fungorum **7**: 23, 1888. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 92, 1933.

Specimens: None.

NEW FUNGUS NAMES

LYSURUS SINENSIS Lloyd Myc. Writ. **5**: 718, f. 1075-76, Nov. 1917.

Specimen: 57829 (*Type*), N. Gist Gee, Soochow, China. Referred to *L. mokusin* (L.) Fr. by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 189, 1931.

LYSURUS WOODII (MacOwan) Lloyd Myc. Writ. **3**: Phal. 40, Sept. 1909.

Anthurus woodii MacOwan in Kalchbr. Abhandl. a d. Ber. d. Naturw. herausg. v.d. Ungar. Akad. d. Wiss. Budapest **10**: 23, 1880.

Specimens: 24890, 24891, 27631. A. V. Duthie, 331, 338, May-July 1924, U. So. Africa.

MUTINUS

MUTINUS BONINENSIS (Fischer) Lloyd.

See *Jansia boninensis* (Fischer) Lloyd.

MUTINUS PENTAGONUS Bailey Queensland Bot. Bull. **10**: 35, 1895.

Cited in error in Sacc. Syll. Fungorum **21**: 461, 1912, as *M. pentagonus* Bailey and Lloyd Myc. Writ. **2**: Ph. A. 13, July 1907.

MUTINUS SIMPLEX Lloyd Myc. Writ. **6**: 879, pl. 125 (f. 1504), Oct. 1919. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 100, 1933.

Specimen: 57856 (*Type*), 57850, A. V. Duthie, U. So. Africa.

MUTINUS XYLOGENUS Mont. Ann. Sc. Nat. Bot. IV, **3**: 137, 1855.

Cited in error in Saccardo Syll. Fungorum **21**: 461, 1912, as *M. xylogenus* Lloyd Myc. Writ. **3**: Phall. 30, f. 29, Sept. 1909.

PHALLUS

PHALLUS CALlichROUS (Moeller) Lloyd Myc. Writ. **2**: Ph. A. 6-8, July 1907; **3**: Phal. 20, Sept. 1909.

Dictyophora callichroa Moeller Braz. Pilz., p. 129, 1899.

Specimens: None. Referred to by Saccardo and Trotter in Sacc. Syll. Fungorum **21**: 459, 1912, as *Dictyophora phalloides* Desv. var. *callichroa* Lloyd. Cunningham Proc. Linn. Soc. N. So. Wales **56**: 12, 1931, reduces the species to synonymy with *Dictyophora indusiata* (Vent. ex Pers.) Fischer.

PHALLUS DISCOLOR (Kalchbr.) Lloyd Myc. Writ. **2**: Ph. A. 10, f. 8, July 1907; **3**: Phal. 22, f. 95, Sept. 1909.

Phallus aurantiacus Mont. var. *discolor* Kalchbr. Grev. **9**: 2, 1880.

Ithyphallus discolor (Kalchbr.) Sacc. & Trav. in Sacc. Syll. Fungorum **21**: 460, 1912.

Specimens: None. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 10, 1931, to *Ithyphallus rubicundus* (Bosc) Fischer.

PHALLUS FARLOWII (Fischer) Lloyd Myc. Writ. **3**: Phal. 24, Sept. 1909.

Dictyophora phalloidea Desv. var. *farlowii* Fischer Denks. Schweiz. Nat. Ges. **32**: 84, 1890.

Specimens: None. Referred to by Saccardo and Trotter in Sacc. Syll. Fungorum **21**: 459, 1912, as *Dictyophora phalloidea* Desv. var. *farlowii* Lloyd.

PHALLUS FAVOSUS (Penz.) Lloyd Myc. Writ. **3**: Phal. 14, f. 4, Sept. 1909.

Ithyphallus favosus Penz. Ann. Jard. Bot. Buitenzorg **16**: 148, 1899.

Specimens: None.

PHALLUS GLUTINOLENS (Moeller) Lloyd Myc. Writ. **2**: 356, f. 175, Oct. 1907;

3: Phal. 18, f. 10, Sept. 1909.

Ithyphallus glutinolens Moeller Braz. Pilzb., p. 100, 1895.

Specimens: None.

PHALLUS GRACILIS (Fischer) Lloyd Myc. Writ. **2**: 371, Jan. 1908; **3**: Phal. 14, Sept. 1909.

Phallus aurantiacus Mont. var. *gracilis* Fischer Neue Denkschr. schweiz. Gesells. **33**: 36, 1893.

Specimens: 50082, O. M. Oleson, Biloxi, Mississippi; 50083, J. B. Cleland, 526, N. So. Wales; 50084, A. V. Duthie, 208, U. So. Africa; 50085, V. Demange, 5062, Indo-China; 50086, J. Gossweiler, Angola, W. Africa; 50087, C. A. O'Connor, Mauritius; 57825, J. Rick, Brasil. Lloyd Myc. Writ. **6**: 1077, May 1921, later states: "Only a slender form of *P. rubicundus* and the name *gracilis* should be dropped. Saccardo and Trotter in Sacc. Syll. Fungorum **21**: 460, 1912, and Cunningham Proc. Linn. Soc. N. So. Wales **56**: 10, 1931, make this disposition of the species.

PHALLUS IRPICINUS (Pat.) Lloyd.

See *Clautriavia merulina* (Berk.) Lloyd.

PHALLUS MAURITIANUS Lloyd Myc. Writ. **3**: Phal. 22, f. 17, Sept. 1909.

Ithyphallus mauritianus (Lloyd) Sacc. & Trav. in Sacc. Syll. Fungorum **19**: 989, 1910.

Based on a specimen sent by Chas. O'Connor, Mauritius, but not found in the Lloyd Collection. Treated as *Dictyophora duplicata* (Bose) Fischer var. *mauritiana* Lloyd by Saccardo and Trotter in Sacc. Syll. Fungorum **21**: 460, 1912.

PHALLUS MERULINUS (Berk.) Lloyd.

See *Clautriavia merulina* (Berk.) Lloyd.

PHALLUS MOELLERI Lloyd Myc. Writ. **3**: Phal. 20, f. 13, Sept. 1909.

Specimens: None. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 12, 1931, to *Dictyophora indusiata* (Vent. ex Pers.) Fischer.

PHALLUS MULTICOLOR (B. & Br.) Lloyd Myc. Writ. **2**: Ph. A. 6, f. 3, July 1907;

3: Phal. 20, f. 14, Sept. 1909; **4**: L. 47: 16, Nov. 1913; **7**: 1300, June 1924.

Dictyophora multicolor B. & Br. Trans. Linn. Soc. London II, **2**: 66, 1883. Cunningham Proc. Linn. Soc. N. So. Wales **56**: 12, 1931.

Specimen: 23338, C. B. Ussher, Sts. Settlements.

PHALLUS RETUSUS (Kalchbr.) Lloyd Myc. Writ. **2**: Ph. A. 10, f. 9, July 1907

3: Phal. 22, Sept. 1909.

Omphalophallus retusus Kalchbr. Ungar. Akad. Wiss. Budapest **13**: 6, 1884.

Specimens: None. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 10, 1931, to *Ithyphallus rubicundus* (Bose) Fischer.

PHALLUS ROCHESTERENSIS Lloyd (as McGinty) Myc. Writ. **2**: Ph. A. 6, July 1907; **3**: Phal. 20, f. 18, Sept. 1909.

Dictyophora phalloides Desv. var. *rochesterensis* Lloyd in Sacc. Syll. Fungorum **21**: 460, 1912.

Specimens: None. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 12, 1931, to *Dictyophora indusiata* (Vent. ex Pers.) Fischer.

PHALLUS ROSEUS Lloyd Myc. Writ. **3**: Phal. 20, Sept. 1909. non *P. roseus* Delile Flore d' Egypte, p. 300, 1813.

Dictyophora phalloides Desv. var. *rosea* Lloyd in Sacc. Syll. Fungorum **21**: 460, 1912.

Specimens: None.

PHALLUS RUGULOSUS (Fischer) Lloyd Myc. Writ. **2**: 402, f. 238, Aug. 1908; **3**: Phal. 18, f. 9, Sept. 1909; **5**: L. 66: 16, Oct. 1917; **6**: 960, May 1920.

Ithyphallus rugulosus Fischer Ann. Jard. Bot. Buitenzorg **6**: 35, 1887.

Specimens: 23188, *T. Nishida*, Kumamoto, Japan; 23336, 23337, *J. Rick*, Brasil; 57851, *A. V. Duthie*, 216, U. So. Africa; 57852, *N. Gist Gee*, Soochow, China.

PHALLUS SUBTILIS (Moeller) Lloyd Myc. Writ. **3**: Phall. 18, f. 11, Sept. 1909. *Aporophallus subtilis* Moeller Brasil Pilzbl., p. 68, 1895.

Specimens: None.

PHALLUS TENUIS (Fischer) Lloyd Myc. Writ. **2**: 402, f. 239, Aug. 1908; **3**: Phal. 10, f. 3, Sept. 1909.

Ithyphallus tenuis Fischer Ann. Jard. Bot. Buitenzorg **6**: 4, 1887.

Specimen: 22601, *Chas. A. O'Connor*, Mauritius.

PSEUDOCOLUS

PSEUDOCOLUS Lloyd Myc. Writ. **2**: Ph. A. 18, July 1907; **2**: 356-8, f. 177, Oct. 1907; **3**: Phal. 51-2, Sept. 1909. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 90, 1933.

Type=*P. garciae* (Moeller) Lloyd. Fischer (l.c.) recognizes the genus, while Cunningham Proc. Linn. Soc. N. So. Wales **56**: 185, 1931, considers it but a synonym of *Anthurus*.

PSEUDOCOLUS ARCHERI (Berk.) Lloyd Myc. Writ. **4**: L. 47: 14, Nov. 1913; L. 51: 4, March 1914.

Lysurus archeri Berk. Fl. Tas. II, p. 264, 1860.

Anthurus archeri (Berk.) Fischer Jahrb. bot. Gart. u. Mus. Berlin **4**: 81, 1886.

Cunningham Proc. Linn. Soc. N. So. Wales **56**: 186, 1931.

Specimens: 30623, *W. G. Garner*, New Zealand; 50768, *W. E. Barker*, Waikonini, New Zealand. As *Anthurus*. 57843, *James Wilson*, Australia; 58931, *L. Rodway*, Tasmania.

PSEUDOCOLUS FUSIFORMIS (Fischer) Lloyd Myc. Writ. **3**: Phal. 53, f. 68, Sept. 1909; **5**: 690, July 1917.

Colus fusiformis Fischer Denks. Schweiz. Naturf. Ges. **32**: 64, 1890.

Specimens: None. Lloyd notes that Fischer withdrew his name, referring the plant to *Ps. javanicus*. Lloyd does not concur. Boedijn, Bull. Jard. Bot. Buitenzorg III, **12**: 79, 1932, reduces the name to synonymy with *Anthurus javanicus* (Penz.) Cunn.

PSEUDOCOLUS GARCIAE (Moeller) Lloyd Myc. Writ. **2**: 358, f. 177, Oct. 1907; **3**: Phal. 52, f. 65, Sept. 1909. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 90, 1933.

Colus garciae Moeller Braz. Pilz., p. 35, 1895.

Specimens: None. Cunningham Proc. Linn. Soc. N. So. Wales **56**: 186, 1931) recombines the species as *Anthurus garciae* (Moeller) Cunn.

PSEUDOCOLUS JAVANICUS (Penz.) Lloyd Myc. Writ. **2**: 358, Oct. 1907; **3**: Phal. 52, f. 66, Sept. 1909; 456, f. 272, Feb. 1910; **5**: 690, July 1917. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 90, 1933.

Colus javanicus Penz. Ann. Jard. Bot. Buitenzorg **16**: 160, 1899.

Anthurus javanicus (Penz.) Cunningham Proc. Linn. Soc. N. So. Wales **56**: 186, 1931. Boedijn Bull. Jard. Bot. Buitenzorg III, **12**: 78, 1932.

Specimens: None.

PSEUDOCOLUS MAURITIANUS Lloyd Myc. Writ. **5**: 689, f. 1030, July 1917. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 90, 1933.

Specimen: 57846 (*Type*), *Chas. A. O'Connor*, Mauritius. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **56**: 187, 1931, to *Anthurus archeri* (Berk.) Fischer.

PSEUDOCOLUS ROTHAE (Berk. ex Fischer) Lloyd Myc. Writ. **2**: Ph. A. 20, f. 21, July 1907; **3**: Phal. 53, f. 69, Sept. 1909; **5**: 586, f. 829, June 1916; 679, f. 1012, 1013, June 1917; 704, f. 1052, Oct. 1917. Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales **49**: 214, 1915. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 90, 1933.

Colus rothae Fischer Denkschr. schweiz. Naturf. Ges. **32**: 67, 1890.

Anthurus rothae (Berk. ex Fischer) Cunningham Proc. Linn. Soc. N. So. Wales **56**: 188, 1931.

Specimens: 30618. *A. Yasuda*, Sendai, Japan, Oct. 1915; 30619, *J. B. Cleland*, 279, Sydney, N. So. Wales.

PSEUDOCOLUS RUGULOSUS Lloyd Myc. Writ. **3**: Phal. 52, f. 67, Sept. 1909.

Specimens: None. Lloyd later (Myc. Writ. **5**: 689, July 1917) suggests that this may be the same as *Pseudocolus mauritianus* Lloyd. Boedijn (Bull. Jard.

NEW FUNGUS NAMES

Bot. Buitenzorg III, **12**: 79, 1931) states that it "is undoubtedly *Anthurus javanicus* (Penz.) Cunningham."

SIMBLUM

SIMBLUM CLATHRATUM Lloyd.

See *Kalchbrennera clathratum* Lloyd.

SIMBLUM COCCINEUM (St. Hil.) Lloyd (as McGinty) Myc. Writ. **2**: 298, Dec. 1906.

Foetidaria coccinea St. Hil. Ann. Sci. Nat. Bot. II, **3**: 191, 1835.

Specimens: None. Lloyd points out (l.c.) that this is doubtless *Simblum sphaerocephalum* Schlecht.

SIMBLUM MUELLERI (Fischer) Lloyd Myc. Writ. **3**: Phal. 67, f. 87, Sept. 1909.

Colus muelleri Fischer Denks. Schweiz. Nat. Ges. **32**: 61, 1890.

Specimens: None. Cunningham (Proc. Linn. Soc. N. So. Wales **56**: 197, 1931) reduces the name to synonymy with *Clathrus pusillus* Berk.

LYCOPERDACEAE

AETNENSIS

AETNENSIS Lloyd (as McGinty) Myc. Writ. **3**: 460, f. 275, Feb. 1910.

Type, *A. clavariaeformis* Lloyd (as McGinty).

AETNENSIS CLAVARIAEFORMIS Lloyd (as McGinty) l.c.

Illustration only known. Delete!

ANTHROPOMORPHUS

ANTHROPOMORPHUS Lloyd (as McGinty) Myc. Writ. **2**: 260, April 1906; **4**: L. 48: 11, f., Nov. 1913.

As part of his campaign against "name jugglers," Lloyd resurrects this old name for *Geaster* and recombines twelve of the common species. The entire lot should be deleted!

ARACHNION

ARACHNION GIGANTEUM Lloyd Myc. Writ. **5**: 645, f. 919, Feb. 1917. Verwoerd Ann. Univ. Stellenbosch **3-A**, no. 1: 19, 1925. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 56, 1933.

Specimens: 22753 (*Type*), 50745, *A. V. Duthie*, 166a, 255, U. So. Africa.

ARACHNION RUFUM Lloyd Myc. Writ. **2**: 250, 254, pl. 73 (f. 4), f. 93, April 1906; **5**: 644, Feb. 1917. Sacc. Syll. Fungorum **21**: 493, 1912.

Specimen: 22754 (*Type*), *F. M. Reader*, comm. *D. McAlpine*, Melbourne, Victoria, May 1900.

ARACHNION SCLERODERMA Lloyd Myc. Writ. **4**: 538, f. 741, Dec. 1915; **5**: 644, Feb. 1917; **6**: 992, pl. 160 (f. 1774, 1775), Sept. 1920. Sacc. Syll. Fungorum **23**: 597, 1925. Verwoerd Ann. Univ. Stellenbosch **3-A**, no. 1: 20, 1925. Rick Egatea **15**: 125, 1930.

Specimens: 22678 (*Type*), 22677, 24892, *A. V. Duthie*, U. So. Africa.

NEW FUNGUS NAMES

BATTARREA

BATTARREA DIGUETI Pat. forma MINOR Lloyd Myc. Writ. **7**: 1175, pl. 228 (f. 2334), Jan. 1923.

Specimen: 33633 (*Type*), I. M. Johnston, Tiburon Island, Gulf of California, July 1921.

BOVISTA

BOVISTA CATASTOMA Lloyd in herb.

"Although this is based on a single specimen, we have no hesitation in publishing it for it is a new type of 'puff ball.' To the eye, a *Catastoma*, under the microscope, a *Bovista*. Exoperidium a sand case, falling away and leaving a little cup at the base, typically in the manner of a *Catastoma*. While there is no way of knowing it from the specimen there is little doubt but that it grew with the mouth down. Endoperidium dark, purplish black, very thin. To the eye the same as *Catastoma purpureum* recently named from New Zealand. Capillitium of separate, branched threads, the main stem running out into tapering sharp branches in all directions. It is the capillitium typical of a *Bovista* and the only *Catastoma*-like plant I ever saw with this type of capillitium. Spores globose, 4μ in diameter, smooth, with slender, hyaline, permanent pedicels, $8-10\mu$ long."

Specimen: 8617 (*Type*), S. S. Towne, Los Angeles, California.

BOVISTA PLUMBEEA Pers. var. NIGRESCENS Lloyd Myc. Writ. **4**: L. 60: 11, Dec. 1915.

Specimen: 56783 (*Type*), J. M. Grant, Sequim, Washington.

BOVISTA PURPUREA Lloyd Myc. Writ. **7**: 1201, pl. 247 (f. 2471), July 1923. Cunningham Proc. Linn. Soc. N. So. Wales **50**: 370, 1925. Cunningham Trans. Proc. N. Zealand Inst. **57**: 203, 1927.

Specimen: 8641 (*Type*), G. H. Cunningham, 700, Nelson, New Zealand, May 1922.

BOVISTA YASUDAE Lloyd in herb.

"Globose, about an inch in diameter. Context, when old, of dark spines which fall away and leave scars. Sterile base scanty, compact. Gleba umber brown. Capillitium of long intertwined colored threads. Spores globose, 4μ in dia., minutely echinulate with long ($12-16\mu$) hyaline delicate pedicels. This belongs to section 2 of our résumé. There is no other species in the section with rough spores, and very few in the genus."

Specimen: 8642 (*Type*), A. Yasuda, 667, Sendai, Japan. The name was used by Lloyd in reporting determinations to Yasuda (Myc. Writ. **7**: 1162, July 1922), and the description filed with the specimen, but not published. Listed by Yasuda Bot. Mag. Tokyo **36**: (177), 1922, and Shirai and Hara Jap. Fungi ed. 3, p. 58, 1927, as *Bovistella yasudai* Lloyd.

BOVISTELLA

BOVISTELLA AMMOPHILA (Lév.) Lloyd Myc. Writ. **1**: 88, f. 56, April 1902; **2**: 262, 281, pl. 87 (f. 7), July-August 1906.

Bovista ammophila Lév. Ann. Sci. Nat. III, 9: 129, 1848.

Specimen: Not represented in the Lloyd Collection, except for a permanent mount, 58352, made from the type at Paris.

BOVISTELLA ASPERA (Lév.) Lloyd Myc. Writ. 1: Aus. 28, pl. 33 (f. 6-10), April 1905; 2: 247, April 1906; 2: 285, Aug. 1906; 4: L. 56: 5, 1915. Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales 50: 117, 1916. Petch Ann. Roy. Bot. Gard. Peradeniya 7: 70, 1919. Butler and Bisby Fungi of India, p. 134, 1931.

Bovista aspera Lév. Ann. Sci. Nat. III, 5: 162, 1846.

Specimens: A series of sixteen specimens filed under both *Bovista* and *Bovistella* from L. Mille, Ecuador; M. R. Espinosa, Chile; A. V. Duthie and A. M. Bottomley, U. So. Africa; W. W. Watts and W. W. Froggatt, N. So. Wales; P. L. Dey, India; T. Petch, Ceylon; and permanent mounts from the *Type* (Gay) at Paris.

=*Lycoperdon asperum* (Lév.) de Toni in Sacc. Syll. Fungorum 7: 119, 1888. Cunningham Proc. Linn. Soc. N. So. Wales 50: 372, 1925; 51: 638, 1926.

BOVISTELLA AUSTRALIANA Lloyd Myc. Writ. 1: Aus. 28, pl. 33 (f. 1-5), April 1905; 2: 248, April 1906; 2: 281, pl. 70 (f. 12-15), Aug. 1906. Sacc. Syll. Fungorum 21: 481, 1912. Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales 50: 118, 1916.

Specimens: 32468 (*Type*), 32467, 32469, J. T. Paul, Victoria; 32465, W. W. Froggatt, N. So. Wales; 16453, 32466, E. J. Semmens, Australia; 32470, Robert Brown, New Zealand; 32462, 32463, 57180, J. B. Cleland, 94, 138, 849, N. So. Wales and So. Australia; 8654, 32461, L. Rodway, 1155, 1272, Tasmania; 25526, 32434, Margaret Flockton, N. So. Wales; 27634, Helen K. Dalrymple, New Zealand. Referred by Cunningham Proc. Linn. Soc. N. So. Wales 51: 637, 1926, and Trans. Proc. N. Zeal. Inst. 57: 199, 1927, to *Lycoperdon glabrescens* Berk.

BOVISTELLA BOVISTOIDES (Cke. & Mass.) Lloyd Myc. Writ. 2: 247, April 1906; 284, pl. 70 (f. 1-4), Aug. 1906. Cunningham Proc. Linn. Soc. N. So. Wales 50: 371, 1925. Butler and Bisby Fungi of India, p. 134, 1931.

Mycenastrum bovistoides Cke. & Mass. Grev. 16: 26, 1888.

Scleroderma bovistoides (Cke. & Mass.) De Toni in Sacc. Syll. Fungorum 7: 489, 1888.

Specimens: A series of twelve specimens from Shiv Ram Kashyap, Lahore, India; G. H. Cave, India; F. M. Reader, A. G. Hamilton, D. McAlpine, W. W. Watts, J. G. O. Tepper, and E. J. Semmons, Australia; G. H. Cunningham, New Zealand; and a fragment from the *type* at Kew originally from India.

BOVISTELLA CITRINA (B. & Br.) Lloyd in Petch Ann. Roy. Bot. Gard. Peradeniya 7: 71, 1919.

Lycoperdon citrinum B. & Br. Jour. Linn. Soc. 14: 80, 1873.

Specimens: None. Lloyd (Myc. Writ. 2: L. 19: 1, Jan. 1908) under *B. aspera* says, "I am now convinced that Berkeley's *conspurcatum* and *citrinum* are both surely the same."

BOVISTELLA CUPRICA Lloyd Myc. Writ. **2**: 247, April 1906; **2**: 284, pl. 70 (f. 1-4), Aug. 1906; **4**: L. 60: 9, Dec. 1915.

Specimens: 30758 (*Type*), W. E. Barker, Waikonini, New Zealand. Cunningham (Proc. Linn. Soc. N. So. Wales **50**: 372, 1925) states: "This the writer believes to be a *Lycoperdon*, but the description is so poor as to make the placing in any genus uncertain."

BOVISTELLA DAVISHI Lloyd Myc. Writ. **2**: 286, pl. 89 (f. 7), Aug. 1906. Sacc. Syll. Fungorum **21**: 482, 1912.

Specimens: 30749 (*Type*), S. Davis, Falmouth, Massachusetts; 30750, Chas. W. Jenks, Bedford, Massachusetts. Doubtfully referred by Coker and Couch Gast. U. S. and Canada, p. 96, 1928, to *B. echinella* (Pat.) Lloyd.

BOVISTELLA DEALBATA Lloyd Myc. Writ. **1**: 86, f. 52-54, April 1902; **2**: 284, pl. 88 (f. 11, 12), Aug. 1906.

Bovista dealbata (Lloyd) Sacc. & D. Sacc. in Sacc. Syll. Fungorum **17**: 234, 1905.

Specimens: 36167 (*Type*), W. N. Suksdorf, near Rockford, Washington, May 1899, and an extensive series from W. N. Suksdorf, Washington; I. M. Johnston, S. S. Towne, S. B. Parish, Mrs. H. E. Molter, L. C. C. Krieger, Charlotte M. Wilder, California; J. F. Brenckle, North Dakota.

BOVISTELLA DOMINICENSIS (Mass.) Lloyd Myc. Writ. **2**: 283, f. 128, Aug. 1906; **2**: 308, Dec. 1906. Sacc. Syll. Fungorum **21**: 482, 1912.

Lycoperdon dominicensis Mass. Grev. **17**: 60, 1888.

Specimen: Based on a specimen at Kew from the Dominican Republic collected by "West Indies Exploration Committee." Fragment in Lloyd Collection as No. 58515.

BOVISTELLA ECHINELLA (Pat.) Lloyd Myc. Writ. **2**: 262, July 1906; **2**: 286, pl. 89 (f. 1-2), Aug. 1906; **3**: 452, f. 270, Feb. 1910; **5**: 602, f. 853, Sept. 1916.

Coker and Couch Gast. U. S. and Canada, p. 96, 1928.

Bovista echinella Pat. Bull. Soc. Myc. Fr. **7**: 165, 1891.

Specimens: A series from Ecuador (*ex type*), Jamaica, Mexico, Michigan, North Dakota, Washington, Denmark, Sweden, and Lapland.

BOVISTELLA FLACCIDA Lloyd Myc. Writ. **7**: 1277, pl. 290 (f. 2840), June 1924.

Specimen: 30741 (*Type*), S. S. Towne, California. Lloyd has also given the same name to a specimen, 30746, S. Kusano, Ikao, Japan. August 1905, and labelled it *Type*, indicating that he considered it a new species and had overlooked the earlier use of the name.

BOVISTELLA GEMMATUM Lloyd Myc. Writ. **2**: 283, f. 127, Aug. 1906.

Specimen: 30740 (*Type*), R. H. Denniston, Blue Mounds, Wisconsin, Sept. 1903. Lloyd considered this a form of *B. pedicellata*, "with reduced, scabrous cortex, agreeing with the normal form in all other particulars."

BOVISTELLA GLABRESCENS (Berk.) Lloyd Myc. Writ. **1**: Aus. 28, April 1905; **2**: 282, Aug. 1906. Sacc. Syll. Fungorum **21**: 481, 1912. Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales **50**: 120, 1916.

Lycoperdon glabrescens Berk. Fl. Tas. vol. **2**: 264, 1860.

Specimens: None. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 637, 1926, refers the species to synonymy with *Lycoperdon glabrescens* Berk. Lloyd spells the specific name *glabescens*.

BOVISTELLA GUNNII (Berk.) Lloyd Myc. Writ. **1**: Aus. 29, April 1905; **2**: 247, pl. 70 (f. 5-8), April 1906; **2**: 285, Aug. 1906. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **50**: 119, 1916.

Lycoperdon gunnii Berk. Fl. Tas., vol. **2**: 265, 1860. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 637, 1926.

Specimens: 5887, 8650, *D. McAlpine*, Victoria; 8651-2, *J. B. Cleland*, N. So. Wales.

BOVISTELLA HENNINGSHII Lloyd Myc. Writ. **2**: 284, pl. 89 (f. 5-6), Aug. 1906. Sacc. Syll. Fungorum **21**: 482, 1912.

Specimen: 30761, Mussooree, India (ex Museum Berlin as *Bovista plumbea*), no further data.

BOVISTELLA JAPONICA Lloyd Myc. Writ. **2**: 281, pl. 88 (f. 1, 2), f. 126, Aug. 1906. Sacc. Syll. Fungorum **21**: 481, 1912. Shirai and Hara Jap. Fungi, ed. 3, p. 58, 1927.

Specimen: 30748 (*Type*), *K. Miyabe*, Sapporo, Japan.

BOVISTELLA LYCOPERDIOIDES (Cke.) Lloyd Myc. Writ. **2**: 280, pl. 87 (f. 5, 6), Aug. 1906 (as *B. lycoperdoides*).

Mycenastrum lycoperdoides Cke. Grev. **13**: 6, 1884.

Scleroderma cookei de Toni in Sacc. Syll. Fungorum **7**: 140, 1888.

Specimen: Known only from a specimen at Kew from N. W. India.

BOVISTELLA MIYABEI Lloyd Myc. Writ. **2**: 282, pl. 88 (f. 3, 4), Aug. 1906. Sacc. Syll. Fungorum **21**: 482, 1912. Shirai and Hara Jap. Fungi ed. 3, p. 58, 1927.

Specimen: 30760 (*Type*), *J. Hanzawa*, comm. *K. Miyabe*, Sapporo, Hokkaido, Japan, Sept. 1903.

BOVISTELLA NIGRICA Lloyd Myc. Writ. **7**: 1115, pl. 197 (f. 2103), Feb. 1922.

Specimen: 8653 (*Type*), *G. H. Cunningham*, 74, Wellington, N. Zealand, 1919. Referred by Cunningham. Proc. Linn. Soc. N. So. Wales **51**: 638, 1926, and Trans. Proc. N. Zealand Inst. **57**: 199, 1927, to *Lycoperdon scabrum* (Lloyd) Cunningham.

BOVISTELLA OBLONGISPORA Lloyd Myc. Writ. **5**: 632, f. 900, Jan. 1917. Verwoerd Ann. Univ. Stellenbosch **3-A**, no. 1: 29, 1928.

Specimen: 30756 (*Type*), *A. V. Duthie*, Stellenbosch, U. So. Africa.

NEW FUNGUS NAMES

BOVISTELLA PALUDOSA (Lév.) Pat. in Lloyd Myc. Writ. **1**: 88, April 1902; **2**: 262, July 1906; **2**: 280, pl. 87 (f. 8), Aug. 1906; **3**: 435, f. 248, Aug. 1909; **7**: 1214, July 1923. *Cejp Mykologia* **5**: 114, 1928 (as *B. paludosa* [Lév.] Lloyd).

Bovista paludosum Lév. Ann. Sc. Nat. III, **5**: 163, 1846.

Calvatia paludosa (Lév.) de Toni in Sacc. Syll. Fungorum **7**: 106, 1888.

Specimen: 8655, Carleton Rea, England; 30744, O. Mattiolo, Italy; 58513, unknown coll., France; 58388 (*ex-type*), Paris.

BOVISTELLA PEDICELLATA (Pk.) Lloyd Myc. Writ. **2**: 262, July 1906; **2**: 282, pl. 88 (f. 5-10), Aug. 1906.

Lycoperdon pedicellatum Pk. 26th Report: 73, 1874.

Specimens: A series from Minnesota, Wisconsin, Illinois, Ohio, West Virginia, Pennsylvania, New Hampshire, Ontario, Quebec, Nova Scotia, Germany, and Sweden.

BOVISTELLA PUSILLA Lloyd Myc. Writ. **3**: L. 27: 3, Jan. 1910; **3**: 457, f. 273, Feb. 1910. Sacc. Syll. Fungorum **23**: 594, 1925. Cunningham Proc. Linn. Soc. N. So. Wales **50**: 372, 1925.

Specimen: 30755 (*Type*), E. Jarvis, Queensland, Australia. Lloyd's (as McGinty) recombination (Myc. Writ. **5**: 604, Sept. 1916) of *Lycoperdon pusillum* Batsch as *Bovistella pusilla* should be deleted.

BOVISTELLA ROSEA Lloyd Myc. Writ. **2**: 248, April 1906. Cleland and Cheel Journ. Proc. Roy. Soc. N. So. Wales **50**: 119, 1916.

Specimens: 30738 (*Type*), J. T. Paul, Grantville, Australia; 30745, Margaret Flockton, N. So. Wales. Considered by Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 637, 1926; Proc. N. Zealand Inst. **57**: 199, 1927) as synonymous with *Lycoperdon glabrescens* Berk.

BOVISTELLA SCABRA Lloyd Myc. Writ. **2**: 248, April 1902; **2**: 282, pl. 70 (f. 9-11), Aug. 1906. Sacc. Syll. Fungorum **21**: 482, 1912. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **50**: 118, 1916.

Specimens: 32455 (*Type*), J. G. O. Tepper, Norwood, So. Australia; 25534, T. Petch, Ceylon; 32452, Jesse Dunn, New Zealand; 32453, 32454, 32459, J. T. Paul, Victoria; 32456, A. Zietz, So. Australia; 32457, E. Cheel, N. So. Wales; 32458, W. W. Froggatt, N. So. Wales; 32460, F. M. Reader, Victoria. Referred to *Lycoperdon scabrum* (Lloyd) Cunningham Proc. Linn. Soc. N. So. Wales **51**: 638, 1926; Trans. Proc. N. Zealand Inst. **57**: 199, 1927.

BOVISTELLA SINENSIS Lloyd Myc. Writ. **7**: 1230, pl. 259 (f. 2565), Sept. 1923.

Specimen: 30747 (*Type*), 30757, G. Bonardi, Shantung, China.

BOVISTELLA TRACHYSPORA Lloyd Myc. Writ. **2**: 287, pl. 89 (f. 3, 4), Aug. 1906. Sacc. Syll. Fungorum **21**: 483, 1912. Butler and Bisby Fungi of India, p. 134, 1931.

Specimen: 30739 (*Type*), W. Gollan, Saruranpur, India, Oct. 1903.

BOVISTELLA YASUDAI Lloyd.

See *Bovista yasudae* Lloyd.

BOVISTELLA YUNNANENSIS (Pat.) Lloyd Myc. Writ. **2**: 285, Aug. 1906.

Bovista yunnanensis Pat. Rev. Myc. **12**: 134, 1890.

Specimen: 58512, *ex-type* from herb. Patouillard, collected in China.

BOVISTOIDES

BOVISTOIDES Lloyd Myc. Writ. **6**: 883, pl. 127 (f. 1517), Oct. 1919.

Type=*B. simplex* Lloyd.

BOVISTOIDES SIMPLEX Lloyd Myc. Writ. **6**: 883, pl. 127 (f. 1517, 1518), Oct. 1919. Verwoerd Ann. Univ. Stellenbosch **3-A**, no. 1: 28, 1928. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 66, 1933.

Specimen: 32447 (*Type*), A. V. Duthie, U. So. Africa.

BOVISTOIDES TORRENDII Lloyd Myc. Writ. **7**: 1116, pl. 197 (f. 2108-9), Feb. 1922.

Specimen: 32448 (*Type*), C. Torrend, 835, Brazil.

CALOSTOMA

CALOSTOMA RODWAYI Lloyd.

See *Mitremyces rodwayi* Lloyd.

CALVATIA

CALVATIA AUREA Lloyd Myc. Writ. **1**: 11, Feb. 1899; **1**: 32, Nov. 1919.

Specimen: 30490 (*Type*), C. G. Lloyd, Mt. Pleasant, Ohio. Lloyd later (Myc. Writ. **1**: 90, April 1902) reduces his species to synonymy with *C. rubro-flava* (Cragin) Lloyd, under which name the bulk of his specimens are filed. Coker and Couch, Gast. U. S. and Canada, p. 60, 1928, make the same disposition of the species. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 368, 1926), treats of it as *C. candida* (Rostk.) Hollos var. *rubro-flava* (Cragin) Cunningham.

CALVATIA BRESADOLAE Lloyd Myc. Writ. **6**: 888, pl. 131 (f. 1541), Oct. 1919.

Cauloglossum saccatum Bres. Hedw. **31**: 325, 1912.

Specimen: 22586 (*Type*), A. D. E. Elmer, comm. E. D. Merrill, Bur. Sci. 22586. Phil. Islands.

CALVATIA CRETACEA (Berk.) Lloyd Myc. Writ. **5**: 650, f. 929, Feb. 1917; **5**: L. 66: 11, Oct. 1917. Dearness Myc. **9**: 351, 1917. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 64, 1933.

Lycoperdon cretaceum Berk. Jour. Linn. Soc. London **17**: 18, 1878.

Calvatia borealis Th. Fr. Svensk Bot. Tidskr. **8**: 238, f. 1-4, 1914.

Specimens: 34257-8 (as *C. borealis*), Thore C. E. Fries, Upsala, Sweden; 34256. comm. J. Dearness, Canada; 34255. comm. Flora Patterson, Alaska.

CALVATIA DEFODIODIS Lloyd Myc. Writ. **4**: L. 44: 8, Jan. 1913; L. 53: 8, Nov. 1914; **7**: 1279, pl. 291 (f. 2852), June 1924. Sacc. Syll. Fungorum **23**: 593, 1925.

Specimens: 22361 (*Type*), 22360, 22362, S. Davis, Cody, Wyoming.

NEW FUNGUS NAMES

CALVATIA FAVOSA (Rostk.) Lloyd Myc. Writ. **1**: Aus. 36. pl. 36 (f. 3), April 1905.
Bovista favosa Rostk. in Sturm Deutsch. Fl. heft 18, p. 9, 1839.

Lycoperdon favosum (Rostk.) Bon. Bot. Zeit. **15**: 595, 1857.

Specimen: 22584, L. R. Waldron, Iowa. Referred by Coker and Couch (Gast. U. S. and Canada, p. 68, 1928) and Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 365, 1926; Trans. Proc. N. Zeal. Inst. **57**: 190, 1927) to *C. caelata* (Bull.) Morg.

CALVATIA FONTANESII (Dur. & Mont.) Lloyd Myc. Writ. **1**: Aus. 36. pl. 36 (f. 2, 4), April 1905.

Lycoperdon fontanesii Dur. & Mont. Flore d'Algérie I, p. 381, 1846-49.

Specimens: None. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 365, 1926) to *C. caelata* (Bull.) Morg. Lloyd says "certainly only a form of the previous plant," that is, *C.ⁿ caelata*.

CALVATIA GARDNERI (Berk.) Lloyd Myc. Writ. **1**: L. 2: 2, May 1904; **5**: L. 67: 16, July 1918.

Lycoperdon gardneri Berk. Jour. Linn. Soc. London **14**: 29, 1875.

Specimens: A series of seventeen specimens from S. Hutchings and E. J. Butler, India; T. Petch and H. F. Macmillan, Ceylon; R. E. Holttum, Brit. Malaya; Chas. Bernard, Java; J. B. Cleland, N. So. Wales; A. Yasuda, S. Kusano, J. E. A. Lewis, J. Umemura and T. Nishida, Japan; Chas. A. O'Connor, Mauritius; J. Rick, Brasil.

CALVATIA GIGANTEA (Batsch ex Pers.) Lloyd Myc. Writ. **1**: L. 1: 2, Jan. 1904; **1**: 166, March 1904; **1**: Aus. 36. pl. 37, April 1905; **2**: 322, f. 159, April 1907; **7**: 1222, Sept. 1923. Kobayasi Jour. Japan. Bot. **9**: 555, 1933.

Lycoperdon giganteum Batsch ex Pers. Syn. Meth. Fung., p. 140, 1801.

Calvatia gigantea (Pers.) Cunningham Proc. Linn. Soc. N. So. Wales **51**: 366, 1926; Trans. Proc. N. Zealand Inst. **57**: 192, 1927.

Specimens: An extensive series from Ohio, Illinois, Missouri, Utah, New Mexico, Washington, Colorado, New York, Vermont, Australia, New Zealand, France, and Sweden. More generally known as *C. maxima* (Schaeff.) Morgan Jour. Cin. Soc. Nat. Hist. **12**: 165, 1890. Coker and Couch, Gast. U. S. and Canada, p. 62, 1928. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 64, 1933.

CALVATIA LATERITIA (Berk.) Lloyd Myc. Writ. **2**: 264, 1906.

Bovista lateritia Berk. in herb., Massee Lond. Jour. Bot. **26**: 131, 1888.

Specimens: None.

CALVATIA LEPIDOPHORUM (E. & E.) Lloyd Myc. Writ. **2**: Index: 14, Note 13, 1908; **4**: L. 45: 8, April 1913.

Lycoperdon lepidophorum E. & E. Jour. Myc. **1**: 88, 1885.

Hypoblema lepidophorum (E. & E.) Lloyd Myc. Writ. **1**: 140. pl. 14, March 1903.

Specimen: 30932, J. C. Arthur, LaFayette, Indiana, Oct. 1905; 30933, 30934, A. P. Morgan, Preston, Ohio.

CALVATIA LILACINA (Berk. & Mont.) Lloyd Myc. Writ. **1**: Aus. 35, pl. 35 (f. 1), April 1905; **2**: L. 4: 7, May 1905; **7**: 1211, July 1923. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **50**: 123, 1916. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 365, 1926; Trans. Proc. N. Zeal. Inst. **57**: 191, 1927. Heim Ann. Crypt. Exot. **6**: 142, 1933. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 64, 1933.

Bovista lilacina Mont. & Berk. Lond. Jour. Bot. **4**: 64, 1845.

Specimens: A very large series from 29 states and the District of Columbia, Canada, Mexico, Colombia, Chile, Ecuador, Uruguay, Brasil, Argentina, Jamaica, Cuba, France, Italy, Germany, Greece, Russia, Hungary, Portugal, Kenya, Uganda, Brit. W. Africa, U. So. Africa, Belg. Congo, India, Indo-China, China, Japan, Java, Phil. Islands, Australia, New Zealand, and New Caledonia. Coker and Couch (Gast. U. S. and Canada, p. 63, 1928) use the name *C. cyathiformis* (Bosc) Morg. for this species.

CALVATIA LONGICAUDA (P. Henn.) Lloyd Myc. Writ. **2**: L. 21: 3, June 1908 (as *C. longicaudum*).

Lycoperdon longicaudum P. Henn. Engl. Bot. Jahrb. **23**: 556, 1897.

Specimen: 20676, *H. P. de la Bathie*, Madagascar; 20677, *Ed. Luja*, Belgian Congo.

CALVATIA MACROGEMMAE Lloyd Myc. Writ. **7**: 1169, pl. 225 (f. 2308). Jan. 1923.

Verwoerd Ann. Univ. Stellenbosch **3A**, no. 1: 33, 1925.

Specimen: 22585 (*Type*), *P. van der Bijl*, 80, U. So. Africa.

CALVATIA OLIVACEA (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 37, pl. 35 (f. 5), April 1905; **2**: 249, pl. 72 (f. 6), April 1906.

Bovista olivacea Cke. & Mass. Grev. **16**: 77, 1888.

Specimens: 34259, *I. B. Pole-Evans*, 1342, U. So. Africa; 34260-1, *D. McAlpine*, Victoria; 34262, *W. W. Watts*, and 34263, *J. L. Boorman*, N. So. Wales. The species reduced to synonymy with *C. candida* (Rostk.) Hollos by Cunningham Proc. Linn. Soc. N. So. Wales **51**: 367, 1926.

CALVATIA POLYGONIA Lloyd Myc. Writ. **5**: L. 62: 8, June 1916.

Specimens: 31787 (*Type*), *Ernest Knaebel*, N. Mexico; 15574, 31786, *H. L. Shantz*, Colorado.

CALVATIA PRIMITIVA Lloyd Myc. Writ. **1**: L. 1: 2, Jan. 1904.

As indicated by Lloyd merely an oval spored form of *C. gigantea* (Batsch) Lloyd and later (Myc. Writ. **1**: Aus. 36, April 1905) so listed. No specimens were referred to *C. primitiva*. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 366, 1926; Trans. Proc. N. Zeal. Inst. **57**: 192, 1927) disposes of the name in the same manner.

CALVATIA RUBRO-FLAVA (Cragin) Lloyd Myc. Writ. **1**: 90, April 1902; **1**: 149, May 1903; **2**: 292, Aug. 1906; **2**: 347, July 1907; **4**: L. 43: 2, Oct. 1912; **7**: 1210, July 1923.

NEW FUNGUS NAMES

Lycoperdon rubro-flavum Cragin Bull. Washburn Coll. **1**: 30, 1885.

Calvatia aurea Lloyd Myc. Writ. **1**: 11, Feb. 1899.

Calvatia candida var. *rubro-flava* (Cragin) Cunningham Proc. Linn. Soc. N. So. Wales **51**: 368, 1926.

Specimens: An extensive series from Connecticut, Massachusetts, New York, New Jersey, District of Columbia, Alabama, Florida, Indiana, Illinois, Missouri, Texas, Brasil, Japan, So. Australia, and N. So. Wales.

CALVATIA SACCATA (Vahl) Lloyd Myc. Writ. **1**: 166, March 1904; **1**: 187, June 1904; **2**: 345, July 1907.

Lycoperdon saccatum Vahl Fl. Dan. **7**, fasc. 19: 8, 1799.

Specimens: A series from Canada, England, France, Germany, Belgium, Denmark, Sweden, Switzerland, Czechoslovakia, Russia, and Portugal.

CALVATIA SCULPTA (Hark.) Lloyd Myc. Writ. **1**: 203, f. 81, July 1904; **5**: L. 66: 10, Oct. 1917; **5**: L. 69: 12, April 1919; **7**: 1132, Feb. 1922.

Lycoperdon sculptum Hark. Bull. Cal. Acad. Sci. 1885: 160, 1885.

Specimens: 22363, Alice Eastwood, 22364, 22370, I. M. Johnston, 22367, W. C. Blasdale, 22368, E. Bethel, 22369, S. B. Parish, all California; 22366, J. R. Weir, Idaho; 22365, L. R. Waldron, North Dakota.

CALVATIA SERICELLA (Berk.) Lloyd Myc. Writ. **1**: L. 2: 2, May 1904 (as *C. sericellum*).

Lycoperdon sericellum Berk. Hook. Jour. Bot. **3**: 171, 1851.

Specimens: None.

CALVATIA SINCLAIRII (Berk.) Lloyd Myc. Writ. **1**: Aus. 37, April 1905.

Lycoperdon sinclairii Berk. in herb.; Mass. Jour. Roy. Micr. Soc. 1887: 716.

Specimen: 58518 (*ex-Type*). India. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 365, 1926; Trans. Proc. N. Zealand Inst. **57**: 190, 1927) to *C. caelata* (Bull.) Morg.

CALVATIA VERSIPORA Lloyd Myc. Writ. **4**: L. 56: 7, f. 707, 1915 (as *C. versipora*); **4**: 548, f. 750, Feb. 1916; **5**: L. 68: 8, Dec. 1918. Sacc. Syll. Fungorum **23**: 593, 1925.

Specimens: 6249 (*Type*). 20681, J. Umemura, Nagoya, Japan; 20674, S. Matsuzawa, comm. A. Yasuda, 575, Prov. Awaji, Japan; 20682, A. Yasuda, 631, Sendai, Japan. The latter specimen was labelled by Yasuda as *Polyporus versiporus* Yas. with *Calvatia versipora* Umem. and *Ptychogaster* sp. as synonyms. Lloyd clearly has priority, however. Lloyd, upon examining Yasuda's specimen (20682), changed the name to *Ptychogaster versiporus* Lloyd Myc. Writ. **6**: 1005, pl. 168 (f. 1840), Sept. 1920. Soon thereafter, Myc. Writ. **6**: 1096, May 1921, he reversed his decision and left the first name standing.

CATASTOMA

CATASTOMA ANOMALUM (Cke. & Mass.) Lloyd Myc. Writ. **1**: L. 1: 4, Jan. 1904; **1**: Aus. 27, pl. 32 (f. 4-6), April 1905; **2**: 319, f. 153, April 1907; **5**: 610,

- f. 862, Dec. 1916. Overholts in Seaver and Chardon Sci. Survey P. Rico **8**: 179, 1926.
- Bovista anomala* Cke. & Mass. Grev. **18**: 6, 1889.
- Disciseda anomala* (Cke. & Mass.) Cunningham Proc. Linn. Soc. N. So. Wales **52**: 239, 1927.
- Specimens*: A series from Puerto Rico, Dominican Republic, Phil. Islands, U. So. Africa, Victoria, N. So. Wales, and So. Australia.
- CATASTOMA ATER Lloyd Myc. Writ. **5**: 756, f. 1131, Dec. 1918.
- Specimen*: 33650 (*Type*), I. M. Johnston, San Antonio Mts., California, Sept. 1917.
- CATASTOMA BRANDEGEEI Lloyd Myc. Writ. **5**: L. 65: 7, March 1917; **6**: 897, pl. 137 (f. 1576), Oct. 1919; **7**: 1168, July 1922.
- Specimen*: 37840 (*Type*), T. S. Brandegee, Culiacan, Mexico; 31031, I. M. Johnston, California; 31032, P. B. Kennedy, Reno, Nevada; 33651, W. A. Archer, Columbus, New Mexico.
- CATASTOMA CANDIDUM (Schw.) Lloyd Myc. Writ. **2**: 396, Feb. 1908.
- Bovista candida* Schw. Syn. Fung. Carol., No. 333, 1822.
- Lloyd (Myc. Writ. **7**: 1168, July 1922) takes up the use of the generally accepted name *Catastoma circumscissum* (B. & C.) Morgan.
- CATASTOMA CELLULOSUM (E. & E.) Lloyd Myc. Writ. **7**: 1168, July 1922.
- Bovista cellulosa* E. & E. Proc. Acad. Nat. Sci. Phil. 1895: 414.
- Lloyd indicates that this is a form only of *C. circumscissum* and he has filed no specimens under the name *C. cellulosum*.
- CATASTOMA CIRCUMSCISSUM (B. & C.) Lloyd ex Overholts in Seaver and Chardon Sci. Survey P. Rico **8**: 179, 1926.
- = *C. circumscissum* (B. & C.) Morg. Jour. Cin. Soc. Nat. Hist. **14**: 143, 1892.
- CATASTOMA DUTHIEI Lloyd Myc. Writ. **6**: 891, pl. 133 (f. 1553), Oct. 1919. Verwoerd Ann. Univ. Stellenbosch **3A**, no. 1: 28, 1928.
- Specimen*: 52391 (*Type*), A. V. Duthie, 224, U. So. Africa.
- CATASTOMA HYALOTHRIX (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 27, pl. 32 (f. 9-11), April 1905.
- Bovista hyalothrix* Cke. & Mass. Grev. **16**: 73, 1888.
- Disciseda hyalothrix* (Cke. & Mass.) Hollos Noev. Koezl., p. 107. 1902. Cunningham Proc. Linn. Soc. N. So. Wales **52**: 237, 1927.
- Specimens*: 52373, 52375, J. B. Cleland, N. So. Wales; 52374, C. C. Brittlebank, Victoria; 52376, Robert N. Laing, New Zealand; 52379, J. G. O. Tepper, So. Australia; 30762, E. Cheel, N. So. Wales.
- CATASTOMA HYPOCAEUM (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 27, pl. 32, (f. 1-3), April 1905.
- Bovista hypogaea* Cke. & Mass. Grev. **20**: 35, 1891.

Disciseda hypogaea (Cke. & Mass.) Cunningham Proc. Linn. Soc. N. So. Wales **52**: 240, 1927.

Specimen: 52369, *D. McAlpine*, Victoria, Australia.

CATASTOMA JOHNSTONII Lloyd Myc. Writ. **6**: 898, Oct. 1919; **7**: 1168, July 1922.

Specimens: 33647 (*Type*), 8783, 31030, 33646, 33648, 33649, *I. M. Johnston*, San Antonio Mts., California; 31029, *I. M. Johnston*, Pike's Peak, Colorado; 33645, *E. P. Chase*, Olanche, California.

CATASTOMA JUGLANDAEFORMIS (Berk.) Lloyd Myc. Writ. **1**: 199, f. 80, July 1904; **2**: 291, Aug. 1906.

Bovista juglandaeformis Berk. Jour. Bot. **26**: 130, 1888.

Specimen: 52388, *A. V. Duthie*, 153, U. So. Africa.

CATASTOMA LEVISPORUM Lloyd Myc. Writ. **5**: 853, f. 1428, June 1919; **7**: 1168, July 1922.

Specimen: 8782 (*Type*), *Lois M. Clancy*, comm. *D. L. Crawford*, 1576, Claremont, California, Oct. 1916.

CATASTOMA LUTEOLUM Lloyd Myc. Writ. **2**: L. 11: 4, June 1906; **7**: 1168, July 1922.

Specimen: 37839 (*Type*), *P. B. Kennedy*, Lake Tahoe, California, July 1905.

CATASTOMA MAGNUM Lloyd Myc. Writ. **5**: 631, f. 897, Jan. 1917. Verwoerd Ann. Univ. Stellenbosch **3-A**, no. 1: 27, 1925.

Specimens: 52394 (*Type*), *Geo. Brown*, Marivale, New Zealand; 52392, *A. V. Duthie*, 282, U. So. Africa; 52393, *I. B. Pole-Evans*, 8381, Pretoria, U. So. Africa. Cunningham Proc. Linn. Soc. N. So. Wales **52**: 241, 1927, comments, "It is impossible to say to what species it should be referred."

CATASTOMA MUELLERI (Berk.) Lloyd Myc. Writ. **1**: Aus. 27, pl. 32 (f. 7, 8), April 1905.

Bovista muelleri Berk. Proc. Linn. Soc. Bot. **16**: 171, 1878.

Disciseda muelleri (Berk.) Cunningham Proc. Linn. Soc. N. So. Wales **52**: 241, 1927.

Specimen: 52382, *F. M. Bailey*, Queensland, 1914.

CATASTOMA NIGRESCENS Lloyd in herb.

Lloyd used this name in reporting determinations to Brenckle (Myc. Writ. **2**: L. 20: 1, June 1908), and the latter used it in his published exsiccati, *Fungi Dakotensis*, no. 207, Kulm, No. Dakota, Nov. 1912. Lloyd later (mss. notes) re-determined this specimen as *C. pila* Robt. Fries and the name *C. nigrescens* should be deleted.

CATASTOMA PURPUREUM Lloyd Myc. Writ. **7**: 1120, pl. 200 (f. 2133-34), Feb. 1922.

Specimen: 52371 (*Type*), *G. H. Cunningham*, Wellington, New Zealand.

= *Abstoma purpureum* (Lloyd) Cunningham Proc. Linn. Soc. N. So. Wales **52**: 242, 1927; Trans. Proc. N. Zealand Inst. **57**: 206, 1927. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 67, 1933.

NEW FUNGUS NAMES

CATASTOMA TOWNEI Lloyd Myc. Writ. **7**: 1168, July 1922; **7**: 1175, pl. 228 (f. 2337), Jan. 1923.

Specimens: 31027 (*Type*), S. S. Towne, California. 8786, Lois Clancy, comm. D. L. Crawford, 1583, Claremont, California; Oct. 1916.

CATASTOMA UPLANDII Lloyd Myc. Writ. **6**: 897, pl. 137 (f. 1575), Oct. 1919; **7**: 1168, July 1922.

Specimens: 8785 (*Type*), I. M. Johnston. 286, Upland, California; 8784, W. H. Henderson, Sacramento, California; 37838, Munz and Johnston, 5552, San Jacinto Mts., California.

CHLAMYDOPUS

CHLAMYDOPUS MEYENIANUS (Klotzsch) Lloyd Myc. Writ. **1**: 134, pl. 10 (f. 1-4), March 1903; **1**: Aus. 9, f. 6; **2**: Tyl. 8, Feb. 1906; **4**: L. 58: 4, July 1915; **5**: L. 67: 12, July 1918.

Tylostoma meyenianum Klotzsch Nov. Act. Caes. Leop. Carol. Nat. Cur. **19**: 243, 1843.

Specimens: 5623, I. M. Johnston, Mohave Desert; 5626, C. V. Piper, Washington; 5628, W. A. Archer, New Mexico; 5640, E. O. Wooton, New Mexico; 5631, J. B. Cleland, N. So. Wales.

DIPLODERMA

DIPLODERMA AVELLANEUM Lloyd Myc. Writ. **5**: 641, f. 913, Feb. 1917; **7**: 1120, pl. 200 (f. 2136), Feb. 1922.

Specimens: 13720 (*Type*), C. C. Brittlebank, Victoria; 13719, 28945, L. Rodway, 954, 1320, Tasmania; 13721, James Wilson, Australia. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **57**: 319, 1932, to *Castoreum radicum* Cke. & Mass.

DIPLODERMA CASTOREUM Lloyd.

See *D. radicum* (Cke. & Mass.) Lloyd.

DIPLODERMA CRETACEUM Lloyd Myc. Writ. **6**: 1057, pl. 181 (f. 1976), May 1921.

Specimen: 13747 (*Type*), L. Rodway, 1056, Tasmania. Recombined by Cunningham Proc. Linn. Soc. N. So. Wales **57**: 320, 1932, as *Castoreum cretaceum* (Lloyd) Cunningham.

DIPLODERMA DEHISCENS Lloyd Myc. Writ. **7**: 1361, pl. 341 (f. 3235), July 1925.

Specimen: 27638 (*Type*), L. Rodway, Tasmania. Cunningham, Proc. Linn. Soc. N. So. Wales **57**: 320, 1932, refers this species as "nomen nudum" to *Castoreum cretaceum* (Lloyd) Cunningham.

DIPLODERMA ISOLITUM Lloyd Myc. Writ. **5**: 641, f. 914, 915, Feb. 1917.

Specimen: 13723 (*Type*), C. C. Brittlebank, Victoria, Australia.

DIPLODERMA PARVISPORUM Lloyd Myc. Writ. **6**: 901, pl. 139 (f. 1589), Oct. 1919 (as *parvispora*).

Specimen: 13722 (*Type*), J. B. Cleland, 545, N. So. Wales. Cunningham (Proc. Linn. Soc. N. So. Wales **57**: 317, 1932) considers this synonymous with *Mesophellia arenaria* Berk.

DIPLODERMA RADICATUM (Cke. & Mass.) Lloyd Myc. Writ. **5**: 642, f. 916, Feb. 1917 (as *D. castoreum* in error for *D. radicatum*); corrected Myc. Writ. **5**: L. 65: 11, March 1917.

Castoreum radicatum Cke. & Mass. Grev. **15**: 100, 1887.

Specimens: None. Cunningham Proc. Linn. Soc. N. So. Wales **57**: 319, 1932, prefers the use of the name *Castoreum radicatum* Cke. & Mass.

DISCISEDA

DISCISEDA CANDIDA (Schw.) Lloyd Myc. Writ. **1**: 93, April 1902.

It should be noted that Lloyd strongly disapproved of the use of the genus name *Disciseda* in place of *Catastoma*, even though it had priority. For this particular species he preferred the name *Catastoma circumscissum* (B. & C.) Morgan, pointing out, however (Myc. Writ. **2**: 396, Feb. 1908), that it could be named as above or called *Catastoma candidum* (Schw.) Lloyd (as McGinty). Coker and Couch Gast. U. S. and Canada, p. 139, 1928; Cunningham, Proc. Linn. Soc. N. So. Wales **52**: 238, 1927; Trans. Proc. N. Zealand Inst. **57**: 204, 1927; and Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 67, 1933, follow the first name cited.

DUBIOMYCES

DUBIOMYCES Lloyd Myc. Writ. **6**: 1034, pl. 173 (f. 1886-9), May 1921.

Type=*D. viridis* Lloyd.

DUBIOMYCES VIRIDIS Lloyd l. c.

Specimen: 24528 (*Type*), D. S. Johnson, Blue Mountains, near Cinchona, Jamaica, 1910, on *Chusquea* sp. The specimen has been examined by W. W. Diehl, who refers it to *Ustilaginoides strumosa* (Cke.) G. P. Clint.

DUROGASTER

DUROGASTER Lloyd Myc. Writ. **5**: 816, f. 1359-61, March 1919; **7**: 1173, Jan. 1923; **7**: 1298, June 1924.

Type=*D. brunnea* Lloyd. Delete!

DUROGASTER ALBA Lloyd in herb.

"The genus *Durogaster* in its original sense is a bull. If it is in this case also it will be appropriate. When first noted I thought this a *Calvatia*, but when cut the hard tissue at once forbid any such idea and it surely has no name. I do not know how it grew. It has no rooting base. Shape flattened, both surfaces the same. Peridium very thin, smooth, white, homogeneous to eye. Section chambered (like a *Gasteromyces*), with walls of dense hyphae and chambers partially filled with loose hyphae. No distinct hymenium. Spores globose, 10-12 μ , pale colored, smooth. The spores were few and imbedded in the hyphal chambers and they may be accidental."

NEW FUNGUS NAMES

Specimen: 31361 (*Type*), H. Hill, Waikaremoana Lake, New Zealand. Lloyd used this name in reporting determinations (Myc. Writ. **7**: 1320, Oct. 1924) and the above note filed with the specimen, but never published. The specimen appears to be a sterile mycelial mat of a white *Polyporus*. The species as well as the genus should be deleted.

DUROGASTER BRUNNEA Lloyd Myc. Writ. **5**: 816, f. 1359-61, March 1919; **7**: 1173, Jan. 1923; **7**: 1298, June 1924.

Specimen: 25523 (*Type*), N. Nuñez, Ecuador. The specimen was determined later by S. F. Blake as *Helosis brasiliensis*, a flowering plant of the family Balanophoraceae.

DUROSACCUM

DUROSACCUM Lloyd Myc. Writ. **7**: 1306, pl. 299 (f. 2919), Oct. 1924.

Type=*D. pisoforme* Lloyd.

DUROSACCUM PISOFORME Lloyd l. c. Rick Egatea **15**: 125, 1930.

Specimen: 27978 (*Type*), J. Rick, Brasil. A very doubtful genus. Fischer in Engler and Prantl Natür. Pfl., 2 ed., **7a**: 29, 1933, suggests that it should be referred to *Pisolithus*.

FAUXTYLOSTOMA

FAUXTYLOSTOMA Lloyd (as McGinty) Myc. Writ. **7**: 1232, pl. 260 (f. 2577-78), Sept. 1923.

Type=*F. beccarii* Lloyd.

FAUXTYLOSTOMA BECCARII Lloyd (as McGinty) l. c.

Tylostoma beccarii Lloyd l. c.

Based on a specimen from Sarawak named by Cesati, *Tylostoma pusillum* Ces. This genus and its type species should be deleted.

GASTROSPORIUM

GASTROSPORIUM BECCARIANUM Lloyd nomen nudum.

Specimen: 22142, portion of type from Mattiolo. Lloyd used this name erroneously (Myc. Writ. **7**: 1265, June 1924) in listing specimens given to him by Mattiolo. The correct designation is *G. simplex* Matt. as pointed out by Klika Mykologia **3**: 77, 1926 and Pilat Bull. Soc. Myc. Fr. **50**: 38, 1934.

GEASTER

GEASTER ANNULATUS Lloyd Myc. Writ. **2**: L. 18: 4, Jan. 1908.

Specimen: 57289 (*Type*), 57288. G. C. Fischer. De Funiak Springs, Florida, Nov. 1907.

GEASTER ARENARIUS Lloyd Myc. Writ. **1**: Gea. 28, f. 53-4, June 1902; **2**: 317, pl. 95 (f. 12-16), April 1907. Sacc. Syll. Fungorum **21**: 478, 1912. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 88, 1926. Coker and Couch Gast. U. S. and Canada, p. 120, 1928.

Specimens: 57292 (*Type*), H. C. Culbertson, Jupiter, Florida; 24895, *F. Cruden*, comm. A. M. Bottomley, 14503, U. So. Africa; 52469, W. H. Long,

Texas: 52349, 52470, 52471. *J. B. Cleland*, 362 b, 472, 474. N. So. Wales: 57290. *Mrs. M. A. Noble*, Florida. The specimen collected by Lloyd, Jupiter, Florida, mentioned in the original note, is not in the collection.

GEASTER ASPER (Mich.) Lloyd Myc. Writ. **1**: 70, f. 34, Sept. 1901; **1**: Gea. 18, 39, f. 28-30, June 1902; **1**: 110, Dec. 1902; **1**: 143, March 1903; **4**: L. 42: 3, Oct. 1912. Coker and Couch Gast. U. S. and Canada, p. 135, 1928.

Geaster berkeleyi Mass. Ann. Bot. **4**: 79, 1889.

Geaster campestris Morgan Amer. Nat. **21**: 1026, 1887.

Specimens: None. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 79, 1926), prefers the name *G. campestre* Morgan, holding that the name *G. asper* being pre-Persoonian, is not tenable.

GEASTER CAESPITOSUS Lloyd Myc. Writ. **2**: 315, pl. 100 (f. 6-9), April 1907; **6**: 960, May 1920. Sacc. Syll. Fungorum **21**: 479, 1912 (as *G. velutinus* var. *caespitosus* Lloyd).

Specimens: 27654 (*Type*), C. G. Lloyd, Cincinnati, Ohio; 52468, 57287. C. H. Demetrio, Emma, Missouri. Referred by Coker and Couch Gast. U. S. and Canada, p. 116, 1928, and Cunningham Proc. Linn. Soc. N. So. Wales **51**: 84, 1926, to *G. mirabilis* Mont.

GEASTER CALCEUS Lloyd Myc. Writ. **2**: 311, pl. 95 (f. 8, 9), April 1907. Sacc. Syll. Fungorum **21**: 479, 1912. Rick Egatea **15**: 228, 1930.

Specimen: 57280 (*Type*), O. Pazschke, U. So. Africa. Referred to *G. minus* (Pers.) Cunningham Proc. Linn. Soc. N. So. Wales **51**: 81, 1926; Trans. Proc. N. Zealand Inst. **57**: 211, 1927.

GEASTER CLELANDII Lloyd Myc. Writ. **5**: 794, f. 1196, Aug. 1918. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 79, 1926.

Specimen: 52472 (*Type*), J. B. Cleland, 361, N. So. Wales.

GEASTER CORONATUS (Schaeff.) Lloyd ex Cunningham Proc. Linn. Soc. N. So. Wales **51**: 81, 1926.

=*Geaster coronatus* (Schaeff.) Schroet.

GEASTER FENESTRATUS (Batsch) Lloyd Myc. Writ. **1**: 70, f. 33, Sept. 1901. Sacc. Syll. Fungorum **21**: 479, 1912.

Lycoperdon fenestratum Batsch Elench. Fung. p. 151, 1783.

Specimens: None. This species is reduced to synonymy with *G. fornicatus* (Huds.) Fr. in Sacc. Syll. Fungorum **7**: 74, 1888. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **51**: 89, 1926, to *G. fenestriatus* (Pers.) Cunningham.

GEASTER GLABER Lloyd Myc. Writ. **7**: 1159, pl. 224 (f. 2303), July 1922.

Specimen: 51324 (*Type*), J. Libunao, comm. O. A. Reinking, 10059, Mt. Maquilang, Luzon, Phil. Islands, Oct. 1920.

GEASTER HARIOTHII Lloyd Myc. Writ. **2**: 311, pl. 99 (f. 7-9), April 1907; **7**: 1280, pl. 292 (f. 2860), June 1924. Sacc. Syll. Fungorum **21**: 477, 1912. Cun-

ningham Proc. Linn. Soc. N. So. Wales **51**: 78, 1926. Coker and Couch Gast. U. S. and Canada, p. 135, 1928. Rick Egatea **15**: 224, f. 9, 1930. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 73, 1933. Fischer Ann. Myc. **31**: 118, 1933.

Geaster lloydianus Rick Broteria **5**: 27, 1905.

Specimens: 52535 (*Type*), Brasil, ex Museum Paris; no other data; 52536, Gaudichaud, Brasil; 57279, J. Rick, Brasil; 58325, Gaudichaud, Chile; 44187, F. J. Seaver, 840, St. Thomas, West Indies.

GEASTER HYGROMETRICUS Pers. var. GIGANTEUS Lloyd Myc. Writ. **1**: 68, f. 30, Sept. 1901; **1**: Gea. 10, f. 12-13, June 1902.

Specimens: 30676 (*Type?* as first specimen cited by Lloyd), L. A. Greata, Pasadena, California, Jan. 1901, and an extensive series from L. C. C. Krieger, S. S. Towne, Rose H. Lane, Blanche Trask, Clara A. Hunt, California; S. M. Zeller, Chas. O. Chambers, Oregon; C. H. Kauffman, W. N. Suksdorf, Washington; T. H. Macbride, Iowa; L. Bodet, Italy. Lloyd filed nearly all of these specimens under the herbarium name *G. giganteus*.

GEASTER INFREQUENS Lloyd Myc. Writ. **2**: 263, f. 99, July 1906. Sacc. Syll. Fungorum **21**: 478, 1912.

Specimen: 57278 (*Type*), A. Lusier, Innsbruck, Tyrol.

GEASTER LLOYDII Bres. & Pat. in Lloyd Myc. Writ. **1**: 50, May 1901; **1**: Gea. 35, 42, June 1902. Sacc. Syll. Fungorum **17**: 226, 1905. Overholts in Seaver and Chardon Sci. Survey P. Rico **8**: 179, 1926.

Specimens: 51325 (*Type*), 30431, C. G. Lloyd, Samoa, 1905. Lloyd later (Myc. Writ. **1**: Gea. 35) referred this species to *G. velutinus* Morg. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 83, 1926; Trans. Proc. N. Zeal. Inst. **57**: 213, 1927) makes the same disposition of it. Coker and Couch (Gast. U. S. and Canada, p. 124, 1928) recognize the Bresadola name as valid.

GEASTER MIRABILIS Mont. var. SUBICULOSUS (Cke. & Mass.) Lloyd Myc. Writ. **2**: 314, pl. 100 (f. 4-5), April 1907. Sacc. Syll. Fungorum **21**: 477, 1912.

Geaster subiculosus Cke. and Mass. Grev. **15**: 97, 1887.

Specimens: A considerable series from Puerto Rico, Honduras, Brasil, Florida, Mauritius, Ceylon, Java, and Japan, all filed as *G. subiculosus*.

GEASTER MORGANI Lloyd Myc. Writ. **1**: 80, f. 45, 46, Nov. 1901; **1**: Gea. 19, f. 31-36, June 1902. Sacc. Syll. Fungorum **21**: 478, 1912. Coker and Couch Gast. U. S. and Canada, p. 109, 1928. Fischer Ann. Myc. **31**: 118, 1933.

Specimens: 14383, H. R. Rosen, Missouri; 24580, W. H. Aiken, Ohio; 57265, E. T. Harper, Illinois; 57266, C. H. Demetrio, Missouri; 57267, N. M. Glatfelter, Missouri; 57269-71, R. B. Mackintosh, Massachusetts; 57272-3, C. R. Brewer, Ohio; 57240, J. U. Lloyd, Ohio; 57275-6, C. G. Lloyd; 57277, David L. James, Ohio. No type indicated. Lloyd later (Myc. Writ. **1**: Aus. 19, f. 16, April 1905) decided his species was synonymous with *G. archeri* Berk. and placed all his specimens under that name. Cunningham (Proc. Linn. Soc. N. So. Wales **51**:

86. 1926; Proc. N. Zeal. Inst. **57**: 214. 1927) considered *G. morgani* a synonym of *G. triplex* Jungh. Coker and Couch (Gast. East. U. S. and Canada, p. 109, 1928) on the other hand accept it as a valid species.

GEASTER PECTINATUS (Pers.) Lloyd Myc. Writ. **1**: Gea. 15, f. 19-22, 41, June 1902; **1**: Aus. 18, f. 14, April 1905. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 76, 1926.

Gastrum pectinatum Pers. Syn. Meth. Fung., p. 132, 1801.

Specimens: A considerable series from North Carolina, Florida, Pennsylvania, Ohio, Ontario, Chile, Brasil, Europe, and U. So. Africa.

GEASTER REINKINGII Lloyd Myc. Writ. **7**: 1280, pl. 292 (f. 2859), June 1924.

Specimens: 28954 (*Type*). *O. A. Reinking*, Honduras, March 1923; 28963, 28967, *J. Rick*, Brasil.

GEASTER SIMULANS Lloyd Myc. Writ. **1**: Aus. 17, f. 11, April 1905. Sacc. Syll. Fungorum **21**: 479, 1912. Cleland and Cheel Proc. Roy. Soc. N. So. Wales **49**: 220, 1915. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 91, 1926.

Specimens: 4818, 4820, *J. B. Cleland*, 779, 218, So. Australia and N. So. Wales; 54704, *D. McAlpine*, Victoria. Lloyd based the species on a specimen at Kew, collected by Drummond at Swan River, Australia, and named by Berkeley, *G. hygrometricus*. Lloyd notes that part of the same collection is at Paris as *G. rufescens*.

GEASTER SMITHII Lloyd Myc. Writ. **1**: Gea. 21, 42, f. 37, June 1902; **2**: 287, f. 129, 292, Aug. 1906; **7**: 1306, Oct. 1924. Sacc. Syll. Fungorum **21**: 477, 1912. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **49**: 224, 1915. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 81, 1926. Rick *Egatea* **15**: 223, 1930.

Specimens: 22731 (*Type*). *Mrs. Sams*, New Smyrna, Florida; 22728, *Daisy Hone*, Minnesota; 22729, *I. M. Johnston*, 1677, California; 22730, *Walter Gill*, So. Australia; 22756, *A. Zietz*, So. Australia; 24994, *T. J. Fitzpatrick*, Iowa; 28939, *W. R. Lowater*, Ohio; 50610, *J. B. Cleland*, N. So. Wales. Coker and Couch (Gast. U. S. and Canada, p. 136, 1928) refer this species to *G. umbilicatus* Fr. (sensu Morgan).

GEASTER SQUAMOSUS Lloyd Myc. Writ. **2**: 339, f. 166, April 1907.

Specimen: 20593 (*Type*). *T. Petch*, 2655, Kotagala, Ceylon. Filed by Lloyd as *G. triplex* with the comment, "a scaly form of *G. triplex*."

GEASTER TOMENTOSUS Lloyd Myc. Writ. **5**: 818, f. 1363, March 1919.

Specimens: 54721 (*Type*). 4800, 54720, *Geo. L. Fisher*, near Houston, Texas, Oct. 1918.

GEASTER TRICHIFER Rick in Lloyd Myc. Writ. **2**: 314, f. 147-8, April 1907; **5**: 804, f. 1251, Oct. 1918; **7**: 1348, March 1925. Coker and Couch Gast. U. S. and Canada, p. 118, 1928. Sacc. Syll. Fungorum **21**: 477, 1912 (as *G. mirabilis* Mont. var. *trichifer* Rick).

Specimens: 54716-17, *J. Rick*, Brasil.

NEW FUNGUS NAMES

GEASTER VELUTINUS Morg. var. CAESPITOSUS Lloyd Myc. Writ. **1**: Gea. 36, f. 72-3, June 1902; **2**: 315, pl. 100 (f. 6-9), April 1907. Sacc. Syll. Fungorum **21**: 479, 1912.

Specimens: None. Lloyd (l. c.) notes that the original specimen collected by himself at Crittenden, Ky., was lost.

GEASTER VIOLACEUS Lloyd ex Cunningham Proc. Linn. Soc. N. So. Wales **51**: 86, 1926.

= *Geaster violaceus* Rick Brot. **5**: 26, 1906. See Myc. Writ. **2**: 310, April 1907. Sacc. Syll. Fungorum **21**: 477, 1912.

GLOBARIA

GLOBARIA SAMOENSE Bres. & Pat. in Lloyd Myc. Writ. **1**: 50, May 1901. Sacc. Syll. Fungorum **17**: 1117, 1902 (as *Lycoperdon*).

Specimen: 30617 (*Type* collection), C. G. Lloyd, 5016, Samoa, 1905.

GYROPHRAGMIUM

GYROPHRAGMIUM DECIPIENS (Pk.) Lloyd Myc. Writ. **1**: 62, May 1901; **1**: 196, pl. 23 (f. 1-3), July 1904; **4**: L. 42: 9, Oct. 1912. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 116, 1933.

Secotium decipiens Peck Bull. Torr. Bot. Club **22**: 492, 1895.

Specimens: 30111, 30112, L. C. C. Krieger, Chico, California; 31698, L. A. Greata, California; 31699, E. O. Wooton, New Mexico; 31700, David Griffiths, California; 31701, Alice Eastwood, California; 31702, S. B. Parish, near San Bernardino; 31703, Katherine Brandegee, San Diego, California.

GYROPHRAGMIUM DELILEI Mont. var. TEXENSE (B. & C.) Lloyd Myc. Writ. **1**: 154, May 1903.

Secotium texense B. & C. Grev. **2**: 34, 1873.

Gyrophragmium texense (B. & C.) Mass. Grev. **19**: 96, 1891.

Specimens: 31707, W. H. Long, Denton, Texas, 1903; 30110, W. A. Archer, Mesilla Pk., New Mexico; 31708, L. A. Greata, Redlands, California. At times Lloyd (Myc. Writ. **1**: 68, Sept. 1901; **4**: L. 58: 4, July 1915) uses the name *G. texense* and in the last reference cited adds "same as *G. decipiens* from California and both are too close to *G. delilei*."

GYROPHRAGMIUM INQUINANS (Berk.) Lloyd Myc. Writ. **1**: 197, pl. 24 (f. 1, 2), July 1904.

Polyplocium inquinans Berk. Lond. Jour. Bot. **2**: 202, 1843.

Specimens: 14253, I. M. Johnston, Gulf of California, 1921; 14359, H. S. Fawcett, Console Springs, California; 16451, L. H. Pennington, Oroville, California, 1915.

HOLOCOTYLON

HOLOCOTYLON Lloyd Myc. Writ. **2**: 254, f. 94-96, pl. 73 (f. 5-8), April 1906.

Sacc. Syll. Fungorum **21**: 493, 1912. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 43, 1933 ("unsicherer Stellung").

Type=*H. brandegeeanum* Lloyd.

NEW FUNGUS NAMES

HOLOCOTYLON BRANDEGEEANUM Lloyd l. c. Sacc. Syll. Fungorum **21**: 494, 1912. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 43, 1933 (as *H. brandegeanum*).

Specimen: 22748 (*Type*), T. S. Brandegee, Culiacan, Sinaloa, Mexico, 1904.

HOLOCOTYLON MEXICANUM Lloyd Myc. Writ. **2**: L. 17: 1, Nov. 1907.

Specimen: 22626 (*Type*), T. S. Brandegee, Tacuapan, Vera Cruz, Mexico.

HOLOCOTYLON TEXENSE Lloyd Myc. Writ. **2**: 255, pl. 73 (f. 8), f. 96, April 1906; **2**: 271, f. 112, 113, July 1906. Sacc. Syll. Fungorum **21**: 494, 1912. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 43, 1933.

Specimens: 22747 (*Type*), 22744, 22745, J. W. Stiles, Huntsville, Texas.

HYPOBLEMA

HYPOBLEMA Lloyd Myc. Writ. **1**: Gas. 11, pl. 11 (f. 49), Jan. 1902; **1**: 140, pl. 14 (f. 1-3), March 1903.

Type=*H. lepidophorum* (Ell.) Lloyd. Lloyd later (Myc. Writ. **2**: Index 14, note 13) reduces this genus to a section of *Calvatia*.

HYPOBLEMA LEPIDOPHORUM (E. & E.) Lloyd.

See *Calvatia lepidophorum* (E. & E.) Lloyd.

HYPOBLEMA PACHYDERMA (Pk.) Lloyd Myc. Writ. **1**: Gas. 23, pl. 11 (f. 49), Jan. 1902; **1**: 140, March 1903.

=*Calvatia pachyderma* (Pk.) Morgan.

KUPSURA

KUPSURA Lloyd Myc. Writ. **7**: 1303, pl. 298 (f. 2903-4), Oct. 1924. Fischer in Engler and Prantl Natürl. Pfl., ed. 2., **7a**: 119, 1933 (as a doubtful genus). *Type*=*Kupsura sphaerocephala* Lloyd.

KUPSURA SPHAEROCEPHALA Lloyd l. c.

Specimen: 24893 (*Type*), A. V. Duthie, U. So. Africa. The generic name was based on the supposed place of collection. Lloyd, however, mistaking Knysna for Kupsura. Verwoerd (So. Afr. Jour. Sci. **25**: 225-6, 1928) notes that the fungus is "only the immature or volva stage of *Phallus rugulosus* or a species of *Mutinus*." An examination of the specimen clearly shows it to be a phalloid. The genus should be deleted.

LANOPILA

LANOPILA BICOLOR (Lév.) Lloyd Myc. Writ. **1**: L. 2: 1, May 1904; **1**: 190, pl. 18 (f. 1-4), July 1904.

Bovista bicolor Lév. Ann. Sc. Nat. III. **5**: 162, 1846.

Specimens: A series from the West Indies, Mexico, Brasil, Ecuador, Belgian Congo, Tanganyika, and British India.

LANOPILA CAPENSIS Lloyd Myc. Writ. **7**: 1177, pl. 230 (f. 2352), Jan. 1923. Verwoerd Ann. Univ. Stellenbosch **3A**, no. 1: 25, 1925. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 64, 1933.

Specimen: 7567 (*Type*), A. V. Duthie, 304, U. So. Africa.

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LANOPILA YUKONENSIS Lloyd Myc. Writ. **7**: 1177, pl. 230 (f. 2353), Jan. 1923.
Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 64, 1933.
Specimen: 7566 (*Type*), comm. E. B. Sterling, Dawson, Yukon Territory.

LASIOSPHAERA

LASIOSPHAERA ARGENTINA (Speg.) Lloyd Myc. Writ. **1**: L. 1: 2, Jan. 1904.
Lanopila argentina Speg. Anal. Soc. Cientif. Argentina **12**: 248, 1881.

Specimens: None. Lloyd Myc. Writ. **6**: 1021, Sept. 1920) suggests changing this genus name to *Lasioshaera*, "so as not to interfere with the pyrenomycetous homonym." The change is hardly justified since the name thereby loses its etymological significance. Lloyd apparently overlooked the fact that the pyrenomycetous genus referred to. *Lasiosphaeria*, has an extra "i" to distinguish it from *Lasiosphaera*. Lloyd (l.c.) also states, "were we to publish systematically we would make it a section of *Calvatia*."

LYCOGALOPSIS

LYCOGALOPSIS RETICULATUS Lloyd Myc. Writ. **7**: 1198, pl. 244 (f. 2449, 2450), July 1923; **7**: 1244, pl. 269 (f. 2650), Jan. 1924.
Specimen: 31034 (*Type*), J. E. A. Lewis, Kobe, Japan.

LYCOGALOPSIS SUBICULOSUS Lloyd Myc. Writ. **7**: 1244, pl. 269 (f. 2649), Jan. 1924. Overholts in Seaver and Chardon Sci. Survey P. Rico **8**: 180, 1926.
Specimens: 28931 (*Type*), C. van Overeem, Bot. Garden, Buitenzorg, Java, 1921; 28472. C. van Overeem, Java; 27653. Bruce Fink, Mayaguez, Puerto Rico, 1915.

LYCOPERDON

LYCOPERDON CALIFORNICUM Lloyd Myc. Writ. **2**: L. 4: 7, May 1905.
Specimen: 51895 (*Type*), Blanche Trask, San Jacinto Mts., California. Named but not described, "as we would prefer to have more collections before describing it, to decide if the plant is constant or not."

LYCOPERDON COMPRESSUM Lloyd Myc. Writ. **2**: 236, pl. 66 (f. 5-6), June 1905.
Sacc. Syll. Fungorum **21**: 488, 1912.
Specimens: 23266 (*Type*), J. Gilbert Selby, Egdon, West Virginia; 22276, E. P. Ely, Minnesota; 22277, W. N. Glatfelter, Missouri; 22278, Alice Theobald, New Hampshire; 22279, C. S. Conkling, New York; 22280, P. L. Ricker, Maine; 22281, Kate A. Jones, New Hampshire; 23263, H. L. True, Ohio; 23264, W. C. Dawson, Ohio; 23265, C. G. Lloyd, West Virginia. In his published note Lloyd refers to his own West Virginia collection first, in his list of specimens received he refers first to the Ricker specimen, but the Selby specimen was labelled as type. Coker and Couch (Gast. East. U. S. and Canada, p. 76, 1928) apparently refer this species to *L. umbrinum* Pers., although they do not do so specifically, in as much as *L. turneri*, of which Lloyd considered his *L. compressum* "a large, robust, caespitose form," is so referred.

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LYCOPERDON COPROPHILUM Lloyd ex Sacc. Syll. Fungorum **21**: 488, 1912.

= *Lycoperdon coprophilum* Cke. & Mass. in Cooke Handbook Austr. Fungi, p. 238, 1892. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 640, 1926) recombines the species as *Bovistella coprophila* (Mass.) Cunningham.

LYCOPERDON CUPRICOLOR Lloyd Myc. Writ. **2**: 265, July 1906. Sacc. Syll. Fungorum **21**: 488, 1912.

Specimens: 4732, 4733. *A. Breitung*, Denmark: 36486. *E. W. Swanton*, England. Lloyd does not indicate which of these collections is to be considered as type. As noted by Lloyd this is a color form of *L. piriforme*.

LYCOPERDON DELICATUM Lloyd Myc. Writ. **2**: 209, pl. 44 (f. 1), May 1905. Sacc. Syll. Fungorum **21**: 488, 1912.

non *Lycoperdon delicatum* B. & C. Grev. **2**: 51, 1873.

nec *Lycoperdon delicatum* Berk. Hook. Jour. Bot. **6**: 172, 1854.

Specimens: 24662 (*Type*). *C. Torrend*, Portugal. Torrend labelled this specimen *L. atropurpureum*, which is probably correct. Saccardo and Trotter (l.c.) assume that Lloyd is naming a new species, whereas he was apparently assigning Torrend's specimen to Berkeley's Indian species. Lloyd (Myc. Writ. **2**: 243-4, June 1905) discusses the confusion surrounding the use of this name and points out that the Berkeley species is a form of *L. umbrinum* and the Berkeley and Curtis species a synonym for *Calvatia craniiformis*. Lloyd also gives this name to two additional specimens: 4722, *R. H. Denniston*, Wisconsin; 24661, *S. Davis*, Massachusetts.

LYCOPERDON DESMAZIERES Lloyd Myc. Writ. **2**: 213, May 1905: 230, pl. 49 (f. 1-4), June 1905. Sacc. Syll. Fungorum **21**: 487, 1912 (as *L. desmazierii*). *Lycoperdon piriforme* Schaef. var. *excipuliforme* Desm. Plant. Crypt. France. Fasc. **31**: no. 1512, 1846.

Lycoperdon piriforme Schaef. var. *desmazierii* Rick Egatea **15**: 25, 1930.

Specimens: 30604 (first specimen cited), *C. G. Lloyd*, Sweden; 5029, *A. Yasuda*, Japan; 30597, *A. L. Smith*, England; 30598, *A. J. Hill*, Brit. Columbia; 30599-600, *L. Rolland*, France; 30601, *E. P. Ely*, California; 30602, *Denis Cruchet*, Switzerland; 30603, *M. Rousseau*, Belgium; 30605, *C. V. Piper*, Idaho; 30606, *Hans Schinz*, Switzerland; 30607-8, *Johanna Schultze-Wege*, Germany; 30609, *Otto Jaap*, Germany. "An elongated cylindrical form of *L. piriforme*."

LYCOPERDON EXCORIATUM Lloyd Myc. Writ. **2**: 229, pl. 60 (f. 1-4), June 1905. Sacc. Syll. Fungorum **21**: 489, 1912.

Specimens: 13191 (first specimen cited), *F. K. Freeland*, Maine; 13188, *L. Rolland*, France; 13189, *E. Hodges*, Pennsylvania; 13190, *Mrs. D. O. Hunt*, California; 13192, *Alice Eastwood*, New Hampshire; 51755, *G. Ducharme*, Canada. "A form of *L. gemmatum*."

LYCOPERDON FASCICULATUM Lloyd in herb.

"Head globose with a long stem-like sterile base. Cortex of persistent tufts of spines. Gleba dark brown. Capillitium long intertwined. Spores globose.

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smooth, pale colored, apiculate, each with a large gutta. In general shape and size this recalls *Lycoperdon polytrichum* which grows with us in hair cap moss, but the cortex is entirely different, being formed of small compact clusters of spines. In fact I do not recall just this cortex on any other *Lycoperdon*."

Specimen: 24885 (*Type*), C. Saito, Tokyo, Japan. This name was used by Lloyd (Myc. Writ. 7: 1345, March 1925) in reporting determinations to Saito and the description filed with the specimen, but not published.

LYCOPERDON FAVEOLUM Lloyd Myc. Writ. 2: 230, pl. 61 (f. 4), June 1905. Sacc. Syll. Fungorum 21: 489, 1912.

Specimen: 51773 (*Type*), B. O. Longyear, Agricultural College, Michigan. Oct. 1898.

LYCOPERDON FIMICOLA Lloyd in Seaver and Chardon Sci. Survey Puerto Rico 8: 180, 1926.

Specimens: None found under this name. Presumably specimen No. 43945. B. Fink. 740, El yunque, Puerto Rico, Dec. 1915, filed without comment as *Lycoperdon* sp., is the specimen referred to by Overholts (l. c.)

LYCOPERDON FLOCCOSUM Lloyd Myc. Writ. 2: 226, pl. 59 (f. 1-4), June 1905. Sacc. Syll. Fungorum 21: 489, 1912. Shirai and Hara Jap. Fungi ed. 3, p. 194, 1927.

Specimens: 51878 (first specimen cited), P. L. Ricker, Orono, Maine; and additional specimens from N. M. Glatfelter, Missouri; Ellen M. Dallas, L. O. Overholts, Wm. Herbst, Pennsylvania; R. E. Buchanan, Iowa; G. D. Smith, A. P. Morgan, C. G. Lloyd, Ohio; R. B. Macintosh, Massachusetts. "A form of *L. umbrinum*."

LYCOPERDON FOLIOCOLA Lloyd Myc. Writ. 7: 1208, July 1923. Rick Egatea 15: 28, 1930.

Specimen: 52466 (*Type*), J. Rick, Brasil.

LYCOPERDON GLACIALE Lloyd. Nomen nudum.

Specimen: 51891, W. N. Suksdorf, Washington, 1904. This name was used by Lloyd in reporting determinations to Suksdorf (Myc. Writ. 2: L. 11: 7, June 1906), but no description was ever prepared.

LYCOPERDON GLOBOSO-PIRIFORME Lloyd Myc. Writ. 6: 1058, pl. 182 (f. 1977-78). May 1921 (as *L. globose-piriforme*).

Specimen: 51754 (*Type*), Ernest Knaebel, Colorado. "Probably a form of *L. piriforme*."

LYCOPERDON GUTTATUM Lloyd Myc. Writ. 2: L. 17: 6, Nov. 1907.

Specimen: 51759 (*Type*), H. Vanderyst, Kisantu, Belg. Congo, Feb. 1907.

LYCOPERDON LEWISII Lloyd Myc. Writ. 7: 1228, pl. 257 (f. 2552), Sept. 1923.

Specimen: 52465 (*Type*), J. E. A. Lewis, Japan.

LYCOPERDON MACROGEMMATUM Lloyd Myc. Writ. 2: 265, f. 102-104, July 1906. Sacc. Syll. Fungorum 21: 488, 1912.

Specimen: 13195 (*Type*), C. Otto Harz, Munich, Bavaria. Lloyd (l. c.) considers this a form of *L. gemmatum* Batsch. Coker and Couch (Gast. east. U. S. and Canada, p. 82, 1928) reduce this species to synonymy with *L. gemmatum*. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 633, 1926; Trans. Proc. N. Zeal. Inst. **57**: 196, 1927) places it under *L. perlatum* Pers.

LYCOPERDON MULTISEPTUM Lloyd Myc. Writ. **4**: L. 53: 9, Nov. 1914.

Specimen: 53127 (*Type*), 51764, A. V. Duthie, U. So. Africa.

LYCOPERDON NIGRUM Lloyd Myc. Writ. **1**: L. 2: 2, May 1904; **1**: Aus. 30, April 1905. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **50**: 121, 1906. Butler and Bisby Fungi of India, p. 137, 1931.

Specimens: 7151, E. J. Semmens: 30548. James Wilson: 30549-54, 30556. F. M. Reader; 3055, Miss E. I. Turner, all from Australia; 30557, K. R. Kirtikar, India: 50114. C. N. Forbes, Hawaii. No type was designated, but the original note refers to the Reader specimens. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 635, 1926) reduces this species to synonymy with *L. polymorphum* Vitt.

LYCOPERDON NITIDUM Lloyd Myc. Writ. **7**: 1305, pl. 299 (f. 2916), Oct. 1924. Cunningham Proc. Linn. Soc. N. So. Wales **51**: 634, 1926. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 65, 1933.

Specimen: 52463 (*Type*), J. B. Cleland, N. So. Wales.

LYCOPERDON OBLONGISPORUM Lloyd after Rick Egatea **15**: 27, 1920.

= *Lycoperdon oblongisporum* B. & C.

LYCOPERDON PIRIFORME (Schaeff.) Pers. var. FLAVUM Lloyd Myc. Writ. **4**: L. 60: Dec. 1915.

Specimen: 30615 (*Type*), Margaret Flockton, Botanic Garden, Sydney, N. So. Wales. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 632, 1926) does not recognize this form as distinct.

LYCOPERDON PIRIFORME (Schaeff.) Pers. var. SCLERODERMOIDES Lloyd Myc. Writ. **2**: L. 15: 2, May 1907.

Specimen: 36490 (*Type*), Eric Bandis, Travnik, Bosnia, 1907.

LYCOPERDON POLYCEPHALUM Lloyd Myc. Writ. **7**: 1283, pl. 294 (f. 2882), June 1924.

Specimen: 52459 (*Type*), S. S. Towne, 744, California.

LYCOPERDON POLYTRICHUM Lloyd Myc. Writ. **2**: 237, pl. 67 (f. 6-10), June 1905. Sacc. Syll. Fungorum **21**: 489, 1912. Bisby, Buller, and Dearness Fungi Man., p. 121, 1929.

Specimens: 22292, 23267, C. G. Lloyd, West Virginia; 23268, J. Gilbert Selby, West Virginia; 23269-70, Mary S. Whetstone, Minnesota; 23271, H. S. Jackson, Delaware; 24902, R. Thaxter, Massachusetts; 24934, H. C. Beardslee, Maine; 24935, C. E. Montgomery, New Hampshire; 24936, Chas. H. Peck, New York; 24937, F. K. Ureeland, Maine; 50718, G. R. Bisby, Manitoba. No type

indicated, the specimen collected by Beardslee being first cited. Coker and Couch (Gast. east. U. S. and Canada, p. 181, 1928) reduce the species to synonymy with *L. muscorum* Morg. Sawada (Rept. Dept. Agr. Gov. Res. Inst. **61**: 67, 1933) makes the same disposition of the species.

LYCOPERDON PSEUDO-RADICANS Lloyd Myc. Writ. **1**: 84, f. 50, 51, April 1902; **2**: 230, pl. 61a (f. 1-3), June 1905. Sacc. Syll. Fungorum **17**: 231, 1905.

Specimen: 30588 (*Type*), F. J. Braendle, Washington, D. C. Referred to *L. muscorum* Morg. by Coker and Couch (Gast. east. U. S. and Canada, p. 81, 1928) and Sawada (Rept. Dept. Agr. Gov. Res. Inst. **61**: 67, 1933).

LYCOPERDON RETIS Lloyd Myc. Writ. **7**: 1176, pl. 229 (f. 2349), Jan. 1923.

Specimens: 51770 (*Type*), E. J. Semmens, Victoria; 51765, A. V. Duthie, U. So. Africa. Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 640, 1926) points out that this is a very doubtful species.

LYCOPERDON SEMI-IMMERSUM Lloyd Myc. Writ. **7**: 1306, pl. 299 (f. 2923), Oct. 1924.

Specimen: 27643 (*Type*), J. B. Cleland, 862, 864, Australia. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **51**: 636, 1926; Trans. Proc. N. Zeal. Inst. **57**: 198, 1927) to *L. pusillum* Pers.

LYCOPERDON SEPTIMUM Lloyd Myc. Writ. **2**: 306, f. 142-3, Dec. 1906. Sacc. Syll. Fungorum **21**: 488, 1912; **23**: 595, 1925.

Specimen: 24668 (*Type*), L. Mille, Quito, Ecuador.

LYCOPERDON STELLARE (Pk.) Lloyd Myc. Writ. **2**: 225, pl. 57 (f. 7-10), June 1905. Sacc. Syll. Fungorum **21**: 489, 1912.

Lycooperdon atropurpureum Vitt. var. *stellare* Pk. Rept. N. Y. State Mus. **32**: 66, 1879.

Specimens: Lloyd refers here a series of specimens from Wisconsin, Ohio, Kentucky, Pennsylvania, New York, Massachusetts, New Mexico, and Italy. He considers it to all intents and purposes merely a form of *L. atropurpureum*.

LYCOPERDON SUBPRATENSE Lloyd Myc. Writ. **2**: 231, pl. 62 (f. 1-7), June 1905. Sacc. Syll. Fungorum **21**: 487, 1912. Rick Egatea **15**: 25, 1930.

Specimens: 13178-79, Joseph Marsh, Oregon; 13180, Chas. O. Chambers, Oregon; 13181-2, C. V. Piper, Washington; 13183-5, 13210, W. N. Saksdorf, Washington; 13186-7, Clara A. Hunt, California. Specimens from A. B. Seymour and R. B. Mackintosh, Massachusetts, including presumably the type, have not been located.

LYCOPERDON SUBVELATUM Lloyd Myc. Writ. **2**: 224, pl. 56 (f. 10-11), June 1905; **2**: 274, f. 120, 121, July 1906. Sacc. Syll. Fungorum **21**: 489, 1912. Coker and Couch Gast. east. U. S. and Canada, p. 76, 1928.

Specimens: 50645 (*Type*), C. H. Baker, Grassmere, Florida; 50643, L. Navas, Spain; 50644, C. G. Lloyd, Florida.

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LYCOPERDON TESSELLATUM Lloyd Myc. Writ. **2**: 230, pl. 50 (f. 3-6), June 1905.

Specimens: Lloyd refers here a series of specimens from Massachusetts, New York, New Jersey, Indiana, Illinois, Missouri, Nebraska, and Minnesota. Saccardo (Syll. Fungorum **21**: 489, 1912) attributes this species to Lloyd, but the latter (Myc. Writ. **5**: Index: 27) considered it a Persoonian species.

LYCOPERDON TURBINATUM Lloyd Myc. Writ. **2**: 265, f. 100, 101, July 1906. Sacc. Syll. Fungorum **21**: 488, 1912.

non *Lycoperdon turbinatum* Pers. Jour. Bot. Paris **2**: 18, 1809.

non *Lycoperdon turbinatum* B. & C. Jour. Linn. Soc. **10**: 345, 1869.

Specimen: 51752 (*Type*). Vale of Chuyd. No. Wales, collector unknown. If valid the species should be renamed to avoid confusion.

LYCOPERDON TURNERI Lloyd in Ling. Contr. Biol. Lab. Sci. Soc. China Bot. Ser. **8**: 189, Dec. 1932.

This is presumably *L. turneri* E. & E. Jour. Myc. **1**: 87, 1885.

MESOPHELLIA

MESOPHELLIA CASTANEA Lloyd Myc. Writ. **5**: 640, f. 912, Feb. 1917. Cunningham Proc. Linn. Soc. N. So. Wales **57**: 318, 1932.

Specimens: 13715 (*Type*), C. C. Brittlebank, Victoria, Australia; 13716, 24900, 27650, L. Rodway, 1055, 1466, 1465, Tasmania.

MESOPHELLIA PACHYTHRIX (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 40, April 1905. Cunningham Proc. Linn. Soc. N. So. Wales **57**: 317, 1932.

Diploderma pachythrax Cke. & Mass. Grev. **18**: 50, 1890.

Specimens: None.

MESOPHELLIA SABULOSA (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 40, April 1905. *Diploderma sabulosum* Cke. & Mass. Grev. **21**: 38, 1892.

Specimen: 13714, J. G. O. Tepper, So. Australia. Placed in synonymy with *M. arenaria* Berk. by Cunningham Proc. Linn. Soc. N. So. Wales **57**: 316, 1932.

MESOPHELLIA TAYLORII Lloyd Myc. Writ. **7**: 1305, pl. 299 (f. 2914), Oct. 1914.

Specimens: 27633 (*Type*), 36460, C. Wilder Taylor, Eureka, California. In connection with the latter specimen Lloyd comments as follows: "Our previous record should be corrected for the inner peridium when fresh is white and gelatinous, about 3-4 mm. thick. It dried down to a thin membrane. The spores (ripe or discolored?) are globose $3\frac{1}{2}\mu$, pale colored, smooth. We do not know whether they are colored naturally or not. At any rate the cottony core, globose (colored?) spores, and gelatinous endoperidium are all features not found in the Australian genus and our American plant will no doubt be called a new genus in time."

MITREMYCES

MITREMYCES INSIGNIS Lloyd Myc. Writ. **2**: 241, pl. 69 (f. 3-4), June 1905; **7**: 1236, pl. 264 (f. 2618-2620), Sept. 1923. Sacc. Syll. Fungorum **21**: 477, 1912.

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Lloyd states "known only from two collections from Ceylon, now at Kew." In his index to authors of species of Gasteromycetes, he attributes the species to Berkeley, apparently a mss. name only.

MITREMYCES LERATI Pat. in Lloyd Myc. Writ. **2**: 273, f. 117-119, July 1906. Sacc. Syll. Fungorum **21**: 476, 1912.

Specimen: 4797 (*co-type*), *Le Rat*, New Caledonia.

MITREMYCES RODWAYI Lloyd Myc. Writ. **7**: 1362, pl. 343 (f. 3248-3249), July 1925.

Calostoma rodwayi Lloyd (as McGinty) Myc. Writ. **7**: 1363, July 1925.

Specimen: 28973 (*Type*), *L. Rodway*, 1477, No. Hobart, Tasmania.

MITREMYCES TYLERII Lloyd Myc. Writ. **2**: 240, pl. 68 (f. 1-2), June 1905. Sacc. Syll. Fungorum **21**: 476, 1912 (as *M. teylerii*).

Mitremyces ravenelii Berk. var. *minor* Berk. Grev. **2**: 51, 1873. Lloyd Myc. Writ. **1**: 127, pl. 9 (f. 7-8), Feb. 1903.

Specimens: 4816 (*Type*), 4796, *F. J. Tyler*, Ft. Ethan Allen, Virginia, 1902-03.

MITREMYCES YASUDAI Lloyd in herb.

"Globose, about 8mm. in diameter, sessile or with mere rudimentary stem. Peridium red, but covered with adnate scales, the remnants of the exoperidium. Spores elliptical $10 \times 16\mu$, but mostly about 9 to 12μ , smooth but mostly punctate. This was sent as *Mitremyces cinnabarinus*, the only red species heretofore known, but differs in small size, absence of stem and particularly in nature of exoperidium. In *Mitremyces cinnabarinus* the exoperidium is a gelatinous mass that peels away from the endoperidium which it leaves smooth. It breaks up and dries down as scales on the exoperidium as it does in *Mitremyces ravenelii*. This species differs from *M. ravenelii* in having no red on its exoperidium as well as other features. It is dedicated to Prof. Yasuda."

Specimen: 24884 (*Type*), *A. Yasuda*, 704, Mt. Sukawa, near Sendai, Japan, Aug. 1920. The name was used by Lloyd in reporting determinations (Myc. Writ. **7**: 1345, March 1925) to Yasuda, and the description filed with the specimen, but not published.

MYCENASTRUM

MYCENASTRUM CORIUM Desv. form STERLINGII Lloyd Myc. Writ. **1**: 120, pl. 5 (f. 10-11), Dec. 1902.

Based on specimens sent by E. B. Sterling from the vicinity of Denver, Colorado, all of which were filed as *M. corium*.

NEPOTATUS

NEPOTATUS Lloyd Myc. Writ. **7**: 1355, pl. 335 (f. 3188), July 1925.

Type: *N. stellatus* Lloyd.

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NEPOTATUS STELLATUS Lloyd l. c.

Specimen: 24878 (*Type*), G. F. Weber, Gainesville, Florida. Merely the old peridium of *Scleroderma geaster* as suggested by Lloyd himself in his mss. notes. Delete!

PAULIA

PAULIA Lloyd Myc. Writ. **5**: 595, f. 838-840, Sept. 1916; **5**: L. 66: 11, Oct. 1917. non *Paulia* Fée *Linnaea* **10**: 471, 1836.

Type=*Paulia resinacea* Lloyd.

=*Xenosoma* Syd. Ann. Myc. **18**: 180, 1920; Sacc. Syll. Fungorum **23**: 598, 1925.

PAULIA RESINACEA Lloyd l. c.

Specimen: 24533 (*Type*), J. T. Paul, Caulfield, Australia.

=*Xenosoma resinaceum* (Lloyd) Syd. Ann. Myc. **18**: 180, 1920. Sacc. Syll. Fungorum **23**: 598, 1925. Fischer in Engler and Prantl *Natürl. Pfl.*, ed. 2, **7a**: 20, 1933.

PHELLORINA

PHELLORINA AUSTRALIS (Berk.) Lloyd Myc. Writ. **1**: Aus. 11, f. 7, April 1905. *Xylopodium australe* Berk. Jour. Linn. Soc. **13**: 171, 1872.

Specimens: None. Cunningham (Proc. Linn. Soc. N. So. Wales **57**: 34, 1932) reduces this species to synonymy with *Phellorina inquinans* Berk.

PHELLORINA MACROSPORA Lloyd Myc. Writ. **4**: L. 44: 9, Jan. 1912; **7**: 1200, July 1923. Sacc. Syll. Fungorum **23**: 597, 1925 (as *P. macropora*).

Specimen: 25529 (*Type*), S. B. Parish, Mecca, Colorado Desert, California, Oct. 1912.

PODAXON

PODAXON ANOMALUM Lloyd Myc. Writ. **6**: 992, pl. 160 (f. 1776), Sept. 1920.

Specimen: 33640 (*Type*), J. B. Cleland, N. So. Wales. Morse, Myc. **25**: 22, 1933, comments. "To be regarded as a sport and not a distinct species." Cunningham. Proc. Linn. Soc. N. So. Wales **57**: 33, 1932, states. "This appears to be a specimen of *Secotium* for the description shows it can not be a *Podaxon*. As the species was based on a single old half specimen in bad condition, it should not have been named."

POLYSACCUM

POLYSACCUM BOUDIERI Lloyd Myc. Writ. **1**: 184, f. 76, June 1904. Sacc. Syll. Fungorum **21**: 493, 1912.

Specimen: 30090 (*Type*), comm. E. Boudier, Corsica.

=*Pisolithus boudieri* (Lloyd) Cunningham Proc. Linn. Soc. N. So. Wales **56**: 288, 1931.

POLYSACCUM PYGMAEUM Lloyd Myc. Writ. **7**: 1306, pl. 299 (f. 2924), Oct. 1924.

Specimen: 24883 (*Type*), J. E. A. Lewis, Kobe, Japan. Although giving it a new specific name, Lloyd considered this as merely a form of *P. pisocarpium* Fr. (*P. tinctorius* [Mich. ex Pers.] Coker and Couch).

NEW FUNGUS NAMES

POLYSACCUM UMBRINUM (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 13, April 1905.

Scleroderma umbrinum Cke. & Mass. Grev. **19**: 45, 1890.

Specimens: None.

=*Pisolithus tinctorius* (Mich. ex Pers.) Coker and Couch per Cunningham Proc. Linn. Soc. N. So. Wales **56**: 288, 1931.

SCLERODERMA

SCLERODERMA CAESPITOSUM Lloyd Myc. Writ. **7**: 1159, pl. 224 (f. 2304), July 1922.

Specimens: 32026 (*Type*), Helen K. Dalrymple. New Zealand; 32027, E. J. Butler, Dehra Dun, India. Cunningham Proc. Linn. Soc. N. So. Wales **56**: 283, 1931, refers this species to *S. flavidum* E. & E.

SCLERODERMA CAPENSIS Lloyd Myc. Writ. **7**: 1305, pl. 299 (f. 2915), Oct. 1924.

Specimen: 24894 (*Type*), A. V. Duthie, 327, U. So. Africa, March 1923.

SCLERODERMA CEPA (Vaill.) Pers. var. MACULATUM Lloyd.

See *Scleroderma maculatum* Lloyd.

SCLERODERMA LUTEUM Lloyd Myc. Writ. **4**: L. 51: 2, March 1914. Chipp Garden Bull. Sts. Settle. **2**: 389, 1921.

Specimen: 32034 (*Type*), W. Docteurs van Leeuwen, Sewardang, Java.

SCLERODERMA MACULATUM (Pk.) Lloyd Myc. Writ. **6**: 1058. pl. 182 (f. 1980-81). May 1921; **7**: 1236, pl. 264 (f. 2615-16), Sept. 1923.

Scleroderma verrucosum (Bull.) Pers. var. *maculatum* Pk. 53rd Rept. State Bot. 1899: 848-9, 1900.

Scleroderma cepa (Vaill.) Pers. var. *maculatum* (Pk.) Lloyd Myc. Writ. **6**: 950, May 1920.

Specimens: 32035 (*Type*), 28978, P. Martens, Belgium; 28953, J. Dearness, Ontario; 30130, A. R. Bechtel, Ithaca, New York (filed as *S. cepa* var. *maculatum*).

SCLERODERMA PATENS Lloyd Myc. Writ. **2**: 275. f. 122. 123. July 1906. Sacc. Syll. Fungorum **21**: 491, 1912.

Specimen: 32029 (*Type*), Chas. A. O'Connor, Mauritius.

SCLERODERMA RADICANS Lloyd Myc. Writ. **2**: 246. f. 88. April 1906. Sacc. Syll. Fungorum **21**: 491, 1912. Cunningham Proc. Linn. Soc. N. Wales **56**: 285, 1931.

Specimen: 32038 (*Type*), F. Reader, comm. D. McAlpine, March 1895.

SCLERODERMA VIOLACEUM Lloyd Myc. Writ. **7**: 1306. pl. 299 (f. 2921). Oct. 1924.

Specimen: 24888 (*Type*), H. Vandéryst, 12031, Belg. Congo, Dec. 1922.

SECOTIUM

SECOTIUM AUSTRALE Lloyd Myc. Writ. **5**: 788. f. 1184. Aug. 1918. Coker and Couch Gast. east. U. S. and Canada, p. 55, 1928.

Specimen: 30819 (*Type*), W. H. Long, 1576, Denton, Texas, Sept. 1902.

NEW FUNGUS NAMES

SECOTIUM GLOBOSPORUM Lloyd Myc. Writ. **7**: 1276, pl. 289 (f. 2832), June 1924.

Specimen: 28965 (*Type*), I. M. Johnston, Long's Ranch, near Manitou, Colorado, July 1922.

SECOTIUM LUTESCENS Lloyd Myc. Writ. **2**: L. 19: 6, Jan. 1908.

Specimen: 13745 (*Type*), H. W. Laing, Lyttleton, New Zealand.

SECOTIUM MACROSPORUM Lloyd Myc. Writ. **1**: 139, pl. 13. (f. 12-16), March 1903.

Specimens: 30818 (*Type*), E. P. Ely, 6243, Dallas, Texas; 30823, E. A. Wooten, comm. W. A. Archer, Filmore Canyon, Organ Mts., New Mexico.

SECOTIUM OBTUSUM Lloyd in herb.

"Subglobose, obtuse, with a very short slender stem which is prolonged, reaching the peridium at the top. Gleba chambered, plates grayish brown. Spores compressed globose, $5-8\mu$, smooth. This was sent as *Secotium acuminatum* and our first impression was that it was correct, since it had the same color and general appearance, although very roundish at the top and we rarely see *Secotium* (misnamed) *acuminatum* that is truly obtuse. The section however appeared different to my eye. The paler grayish gleba, the slender stem, and the slightly different spores distinguish it. It is the South African form no doubt."

Specimen: 24876 (*Type*), G. Joubert, comm. A. M. Bottomley, 18913, Cape Prov., U. Sq. Africa, April 1924. This name was used by Lloyd (Myc. Writ. **7**: 1318, Oct. 1924) in reporting determinations to Miss A. M. Bottomley, and the descriptive notes filed with the specimen, but not published.

SECOTIUM PEDUNCULATUM Lloyd Myc. Writ. **5**: 788, f. 1183, Aug. 1918.

Specimen: 30814 (*Type*), J. R. Weir, 6381, Priest River, Idaho, July 1913. Lloyd considers this "a pedunculate form of *S. acuminatum*." Cunningham (Proc. Linn. Soc. N. So. Wales **49**: 110, 1924) refers it to *S. agaricoides* (Czer.) Hollos.

SECOTIUM RUSSULOIDES (Setchell) Lloyd Myc. Writ. **5**: 788, Aug. 1918.

Elasmomyces russuloides Setchell Jour. Myc. **13**: 240, 1907.

Specimens: None.

TYLOSTOMA

TYLOSTOMA ADHAERENS Lloyd Myc. Writ. **7**: 1199, pl. 245 (f. 2457), July 1923.

Cunningham Trans. Linn. Soc. N. So. Wales **50**: 252, 1925.

Specimen: 28970 (*Type*), J. B. Cleland, 794, So. Australia.

TYLOSTOMA AMERICANUM Lloyd Myc. Writ. **2**: Tyl. 20, pl. 80 (f. 5-9), Feb. 1906. Sacc. Syll. Fungorum **21**: 475, 1912.

Specimens: 24708-24720, E. B. Sterling, Colorado: 16445, B. O. Longyear, Colorado: 24724, T. S. Brandegee, California: 24725, C. R. Orcutt, California: 24726, J. M. Bates, Nebraska: 24727, L. R. Waldron, North Dakota: 24728, S. Davis, Wyoming. Lloyd does not indicate which specimen he selected as type, but since he bases his species largely on Sterling's collections, No. 24713, which

appears to represent Lloyd's conception of his species is so designated. The Kansas specimen referred to in his note (l.c.) is not to be found.

TYLOSTOMA AUSTRALIANUM Lloyd Myc. Writ. **2**: Tyl. 20, pl. 81 (f. 8-10), Feb. 1906. Sacc. Syll. Fungorum **21**: 476, 1912. Cunningham Trans. Linn. Soc. N. So. Wales **50**: 256, 1925. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 48, 1933.

Specimen: 15405-6, 15410-11, *F. M. Reader*, comm. *D. McAlpine*, Victoria, Australia; 15407, 15412, 22708, 28960, *J. B. Cleland*, 792, 793, 781, 865, So. Australia; 15408, *C. C. Brittlebank*, Victoria; 15409, *A. Hrdlicka*, Buenos Aires, Argentina. No definite type designated, but Lloyd based the species on the Reader specimens.

TYLOSTOMA BECCARI Lloyd Myc. Writ. **7**: 1232, pl. 260 (f. 2577-78), Sept. 1923.

Based on a specimen from Sarawak named by Cesati as *T. pusillum*. Lloyd facetiously (as McGinty) suggests the new genus *Fauxtylostoma*. It should be deleted.

TYLOSTOMA BERKELEYII Lloyd Myc. Writ. **2**: Tyl. 25, pl. 84 (f. 8-9), Feb. 1906. Sacc. Syll. Fungorum **21**: 471, 1912. Overholts in Seaver and Chardon Sci. Survey P. Rico **8**: 180, 1926. Coker and Couch Gast. east. U. S. and Canada, p. 157, 1928.

Specimens: 4471 (*Type*), *Earle and Baker*, Auburn, Alabama, Nov. 1897; 4476, *W. H. Long, Jr.*, Texas; 4477, *H. C. Culbertson*, Florida; 14357, *S. M. Zeller*, Oregon; 24521, *Louis Mille*, Ecuador; 24522, 24523, *Theo. L. Mead*, Florida; 24524, 54737, *F. J. Braendle*, Washington, D. C.; 54738, *H. B. Dorner*, Indiana.

TYLOSTOMA CYCLOPHORUM Lloyd Myc. Writ. **2**: Tyl. 25, pl. 85 (f. 1-2), Feb. 1906. Sacc. Syll. Fungorum **21**: 476, 1912. Verwoerd Ann. Univ. Stellenbosch **III A**, No. 1: 13, 1925. Rick Egatea **15**: 21, 1930.

Specimen: 4495 (*Type*), *Miss B. Stoneman*; 4494, 14279-80, 24519-20, 30832, 54734, *A. V. Duthie*; 28934, 28958, *P. van der Bijl*; 30833, *C. A. O'Connor*, all from U. So. Africa.

TYLOSTOMA ECRANULOSUM Lloyd Myc. Writ. **2**: Tyl. 21, pl. 82 (f. 3-4), Feb. 1906. Sacc. Syll. Fungorum **21**: 471, 1912. Cunningham Proc. Linn. Soc. N. So. Wales **50**: 257, 1925.

Specimens: 15424 (*Type*), 15423, *F. M. Reader*, comm. *D. McAlpine*; 15422, *C. C. Brittlebank*, Victoria.

TYLOSTOMA FINKII Lloyd Myc. Writ. **7**: 1169, pl. 225 (f. 2307), Jan. 1923. Coker and Couch Gast. east. U. S. and Canada, p. 154, 1928.

Specimen: 32443 (*Type*), *Bruce Fink*, Oxford, Ohio.

TYLOSTOMA FLORIDANUM Lloyd Myc. Writ. **2**: Tyl. 18, pl. 80 (f. 1-2), Feb. 1906. Sacc. Syll. Fungorum **21**: 470, 1912. Coker and Couch Gast. east. U. S. and Canada, p. 153, 1928.

NEW FUNGUS NAMES

Specimens: 13633 (*Type*), *Mrs. Sams*, Florida; 13628, *P. H. Rolfs*, Florida; 13629, *G. C. Fisher*; 13630-1, *M. A. Noble*, Florida; 13632, *Thos. L. Mead*, Florida.

TYLOSTOMA LLOYDII Bres. in Petri Ann. Myc. **2**: 423, 1904. Lloyd Myc. Writ. **2**: Tyl. 22, pl. 82 (f. 5-8), Feb. 1906. Coker and Couch Gast. east. U. S. and Canada, p. 154, 1928.

Specimens: 4498, 13737, *W. H. Aiken*, Cincinnati, Ohio, March 1897.

TYLOSTOMA LONGII Lloyd Myc. Writ. **2**: Tyl. 15, Feb. 1906. Coker and Couch Gast. east. U. S. and Canada, p. 154, 1928.

Specimens: 54736 (*Type*), 4475, 4480-2, *W. H. Long*, Denton, Texas; 4478, *G. C. Fisher*, Florida; 4479, *W. A. Archer*, New Mexico.

TYLOSTOMA MCALPINIANUM Lloyd Myc. Writ. **2**: Tyl. 15, pl. 78 (f. 1-2), Feb. 1906. Sacc. Syll. Fungorum **21**: 471, 1912. Cleland and Cheel Jour. Proc. Roy. Soc. N. So. Wales **50**: 108, 1916. Cunningham Proc. Linn. Soc. N. So. Wales **50**: 251, 1925.

Specimens: 4504 (*Type*), *D. McAlpine*, Victoria; 4505, 28951, 54728, *J. B. Cleland*, So. Australia and N. So. Wales; 4506, *W. W. Froggatt*, N. So. Wales; 54727, 54730, *E. Cheel*, N. So. Wales; 54729, *W. Stoward*, W. Australia; 54731, 54732, *J. G. O. Tepper*, So. Australia.

TYLOSTOMA MOHAVEI Lloyd Myc. Writ. **6**: 992, pl. 160 (f. 1777), Sept. 1920.

Specimen: 13637 (*Type*), *Philipp A. Munz*, San Bernardino Co., California, April 1920.

TYLOSTOMA OCCIDENTALE Lloyd Myc. Writ. **2**: Tyl. 13, pl. 76 (f. 1-2), Feb. 1906. Sacc. Syll. Fungorum **21**: 471, 1912. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 47, 1933.

Specimens: 54739 (*Type*), 4491, 53180, *W. N. Suksdorf*, Washington; 4490, *I. M. Johnston*, Montserrat Island, Gulf of California.

TYLOSTOMA PALLIDUM Lloyd Myc. Writ. **2**: Tyl. 17, pl. 79 (f. 1), Feb. 1906. Sacc. Syll. Fungorum **21**: 472, 1912 (as *T. mammosum* [Mich.] Fr. var. *pallidum* Lloyd).

Specimens: 34500 (*Type?*) *P. Felix*, France; 13643, *C. Massalongo*, Italy.

TYLOSTOMA PYGMAEUM Lloyd Myc. Writ. **2**: Tyl. 16, pl. 78 (f. 3-4), Feb. 1906. Sacc. Syll. Fungorum **21**: 471, 1912. Coker and Couch Gast. east. U. S. and Canada, p. 153, 1928. Rick Egatea **15**: 22, 1930.

Specimens: 4473 (*Type*), 4470, 4474, *W. H. Long*, Denton, Texas; 4472, *Mrs. M. A. Noble*, Florida; 4497, *Theo. L. Mead*, Florida; 4501, *J. Rick*, Brasil.

TYLOSTOMA READERII Lloyd Myc. Writ. **2**: Tyl. 21: pl. 82 (f. 1-2), Feb. 1906. Sacc. Syll. Fungorum **21**: 470, 1912. Cunningham Trans. Linn. Soc. N. So. Wales **50**: 256, 1925.

Specimens: 15421 (*Type*), *F. M. Reader*, Australia; 15420, *C. C. Brittlebank*, Victoria. Cunningham Trans. Linn. Soc. N. So. Wales **57**: 37, 1932, states:

NEW FUNGUS NAMES

"*T. readeri* Lloyd and *T. egranulosum* Lloyd appear to be synonyms, since they possess almost identical features." *Ann. N. Y. Bot. Gard.* 1938.

TYLOSTOMA RICKII Lloyd Myc. Writ. **2**: Tyl. 20, pl. 81 (f. 6-7), Feb. 1906. Sacc. Syll. Fungorum **21**: 270, 1912. Rick Egatea **15**: 21, 1930. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 48, 1933.

Specimens: 15403 (*Type*), J. Rick, Brasil.

TYLOSTOMA RUFUM Lloyd Myc. Writ. **2**: Tyl. 18, pl. 79 (f. 4-6), Feb. 1906. Sacc. Syll. Fungorum **21**: 472, 1912 (as *T. mammosum* [Mich.] Fr. var. *rufum* Lloyd). Bisby, Buller, and Dearness Fungi Manitoba, p. 122, 1929. Rick Egatea **15**: 22, 1930.

Specimens: 7155 (*Type*), J. Rick, Brasil; 13634, W. B. McDougal, Illinois; 13738-9, 30463, 30464, W. H. Long, Texas; 13740, T. H. Macbride, Iowa; 13741, 30459-60, S. Davis, Wyoming; 25542, A. S. Bertolet, Alabama; 30461, A. O. Garrett, Utah; 30462, O. M. Oleson, Iowa; 30465, Madame Rousseau, Belgium; 32444, Mrs. Sams, Florida; 32445, P. B. Kennedy, Nevada.

TYLOSTOMA SIMULANS Lloyd Myc. Writ. **2**: Tyl. 18, pl. 79 (f. 2-3), Feb. 1906. Sacc. Syll. Fungorum **21**: 472, 1912 (as *T. mammosum* [Mich.] Fr. var. *simulans* Lloyd). Coker and Couch Gast. east. U. S. and Canada, p. 151, 1928.

Specimens: 13636 (*Type*), W. H. Long, Denton, Texas; 15401, J. B. Cleland, So. Australia; 50682, S. H. Burnham, New York. The Ohio specimens cited by Lloyd (l.c.) have not been found.

TYLOSTOMA TRANSVAALII Lloyd Myc. Writ. **6**: 1047, pl. 179 (f. 1940), May 1921. Verwoerd Ann. Univ. Stellenbosch III **A**, no. 1: 13, 1925.

Specimen: 22713 (*Type*), A. M. Bottomley, U. So. Africa.

WHETSTONIA

WHETSTONIA Lloyd Myc. Writ. **2**: 259, April 1906; **2**: 270, pl. 90 (f. 1-5), July 1906; **7**: 1200, July 1923.

Type=*W. strobiliformis* Lloyd.

WHETSTONIA STROBILIFORMIS Lloyd l. c. Sacc. Syll. Fungorum **21**: 492, 1912. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 41, 1933.

Specimen: 5635 (*Type*), Mary S. Whetstone, vicinity of Minneapolis, Minnesota. Lloyd suggests (Myc. Writ. **5**: 736, Dec. 1917) that this species may be referable to *Phellorina strobilina*. Referred by Cunningham (Proc. Linn. Soc. N. So. Wales **57**: 34, 1932) doubtfully to *Phellorina inquinans* Berk. "*W. strobiliformis* appears to be a synonym, but the description is too poor to permit of its being placed with certainty."

HYMENOGASTRACEAE

ANTHRACOPHLOUS

ANTHRACOPHLOUS RHIZOPOGONOIDES Mattiolo in herb.

See *Rhizopogon rubrocorticeus* Zell. & Dodge.

NEW FUNGUS NAMES

ARCANGELIELLA

ARCANGELIELLA LUTEO-CARNEA Lloyd Myc. Writ. **7**: 1142, pl. 205 (f. 2176), July 1922.

Specimens: Based on a specimen from J. Rick, Brasil, not located. Bresadola, Ann. Myc. **18**: 54, 1920, transfers the species to *Octaviania*, as *A. luteo-carnea* (Lloyd) Bres.

CREMEOGASTER

CREMEOGASTER Mattiolo in Lloyd Myc. Writ. **7**: 1278, pl. 291 (f. 2845-47), June 1924.

Type=*C. levisporus* Mattiolo.

CREMEOGASTER LEVISPORUS Mattiolo l. e.

Specimen: 15584 (*Type*), I. M. Johnston, 263, San Antonio Mts., California, Dec. 1918. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 11, 1933, reduces the genus to synonymy with *Leucogaster*. Zeller and Dodge, Ann. Mo. Bot. Gard. **11**: 398, 1924, consider the species synonymous with *Leucogaster citrinus* (Hark.) Zeller and Dodge.

GALLACEA

GALLACEA Lloyd Myc. Writ. **1**: Aus. 37, f. 40-41, April 1905; **7**: 1201, July 1923. Pat. Bull. Soc. Myc. France **27**: 34-38, 1911. Sacc. Syll. Fungorum **23**: 597, 1925.

Type: *G. scleroderma* (Cke. & Mass.) Lloyd.

GALLACEA SCLERODERMA (Cke. & Mass.) Lloyd Myc. Writ. **1**: Aus. 38, f. 40-41, April 1905; **7**: 1201, July 1923. Cunningham Trans. Brit. Myc. Soc. **9**: 193, 1924.

Mesophellia scleroderma Cke. & Mass. Grev. **14**: 11, 1885.

Rhizopogon violaceus Cke. & Mass. Grev. **21**: 1, 1892.

Gallacea violacea (Cke. & Mass.) Lloyd Myc. Writ. **7**: 1201, pl. 247 (f. 2470), July 1923.

Specimens: 24535, G. H. Cunningham, Wellington, N. Zealand, June 1922. Zeller and Dodge, Ann. Mo. Bot. Garden **5**: 22, 1918, cite under *R. violaceus*, two specimens from the Lloyd herbarium, F. M. Reader, 8, Lloyd number 06151, Follett Co., Victoria, which cannot now be found; and 22377, J. Umemura, 164, Nagoya, Japan, filed by Lloyd as *Hysterangium phillipsii*. Lloyd preferred the use of the name *G. violacea* for this species in spite of the fact that *G. scleroderma* has priority.

GALLACEA VIOLACEA (Cke. & Mass.) Lloyd.

See *G. scleroderma* (Cke. & Mass.) Lloyd.

HYDNANGIUM

HYDNANGIUM PALLIDUM Lloyd.

See *Octaviania pallida* Lloyd.

NEW FUNGUS NAMES

HYMENOGASTER

HYMENOGASTER AUSTRALE (Speg.) Lloyd Myc. Writ. **7**: 1120, Feb. 1922.

Hysterangium australe Speg. Anal. Soc. Cient. Argentina **12**: 242, 1881.

Specimens: None.

HYMENOGASTER GAUTIERIODES Lloyd Myc. Writ. **7**: 1117, pl. 199 (f. 2119-20), Feb. 1922.

Specimen: 24244 (*Type*), *H. E. Parks*, 1495, San Jose, California, 1920. Referred by Zeller and Dodge, Ann. Mo. Bot. Garden **5**: 137, 1918, to *Gautieria trabuti* (Chatin) Pat. and later (Ann. Mo. Bot. Garden **21**: 697, 1934) to *G. gauterioides* (Lloyd) Zeller and Dodge.

HYMENOGASTER RADIATUS Lloyd Myc. Writ. **7**: 1304, pl. 298 (f. 2908-9), Oct. 1924. Verwoerd So. Afr. Jour. Sci. **22**: 166, 1925.

Radiogaster radiatus Lloyd (as McGinty) Myc. Writ. **7**: 1304, Oct. 1924.

Specimen: 30493 (*Type*), *F. Eyles*, comm. *A. M. Bottomley*, 17795, Rhodesia, March 1920. Referred by Zeller and Dodge, Ann. Mo. Bot. Gard. **21**: 688, 1934, to *Dendrogaster radiatus* (Lloyd) Zeller & Dodge.

HYSTERANGIUM

HYSTERANGIUM CEREBRINUM Lloyd Myc. Writ. **7**: 1119, Feb. 1922.

Rhizopogon cerebrinum Lloyd Myc. Writ. **6**: 889, pl. 132 (f. 1545), Oct. 1919.

Specimen: 22378 (*Type*), *A. Yasuda*, 262, Prov. Mikawa, Japan, Oct. 1914.

HYSTERANGIUM EUCALYPTORUM Lloyd Myc. Writ. **7**: 1119, pl. 200 (f. 2132), Feb. 1922.

Specimen: 22381 (*Type*), *L. Mille*, Quito, Ecuador. Zeller and Dodge (Ann. Mo. Bot. Garden **16**: 93, 1929) consider this species synonymous with *H. affine* Mass. and Rodw. var. *irregularare* Mass.

HYSTERANGIUM NIGER Lloyd Myc. Writ. **7**: 1173, pl. 227 (f. 2325), Jan. 1923. Verwoerd So. Afr. Jour. Sci. **22**: 163, 1925.

Specimen: 22394 (*Type*), *A. V. Duthie*, U. So. Africa.

=*Rhizopogon niger* (Lloyd) Zeller and Dodge, Ann. Mo. Bot. Gard. **16**: 122, 1929.

MELANOCASTER

MELANOCASTER MOLLIS Lloyd Myc. Writ. **6**: 1047, pl. 178 (f. 1939), May 1921.

Specimens: 46542 (*Type*), 53358, *S. Davis*, Wyoming and Idaho. Referred by Mattiolo in Lloyd Myc. Writ. **6**: 1048, May 1921, to *M. variegatus* Vitt. and the decision accepted by Lloyd. Coker and Couch Gast. east. U. S. and Canada, p. 38, 1928, make the same disposition of the species.

MELANOCASTER WILSONII Lloyd Myc. Writ. **7**: 1176, pl. 229 (f. 2344-45), Jan. 1923.

Specimen: 53361 (*Type*), *James Wilson*, Australia. Referred by Cunningham Proc. Linn. Soc. N. So. Wales **59**: 164, 1935, to *Rhizopogon luteolus* Fr. & Nordholm.

NEW FUNGUS NAMES

OCTAVIANIA

OCTAVIANIA AFRICANA Lloyd Myc. Writ. **7**: 1142, pl. 205 (f. 2172), July 1922.
Verwoerd So. Afr. Jour. Sci. **22**: 164, 1925.

Specimen: 7198 (*Type*), A. V. Duthie, 97, Stellenbosch, U. So. Africa.

OCTAVIANIA CANDIDA (Tul.) Lloyd Myc. Writ. **7**: 1142, pl. 205 (f. 2171), July 1922.

Hydnangium candidum Tul. Fungi Hypogaei, p. 75, 1851.

Specimens: None.

OCTAVIANIA LIOSPERMA (Tul.) Lloyd Myc. Writ. **7**: 1141, pl. 204 (f. 2166), July 1922.

Hydnangium liospermum Tul. Fungi Hypogaei, p. 76, 1851. Zeller and Dodge
Ann. Mo. Bot. Garden **11**: 407, 1924.

Specimens: None.

OCTAVIANIA MONOSPORA (Boud. & Pat.) Lloyd Myc. Writ. **7**: 1141, pl. 204 (f. 2165), July 1922.

Hydnangium monosporum Boud. & Pat. Jour. Bot. **2**: 445, 1888.

Specimens: None.

OCTAVIANIA PALLIDA Lloyd Myc. Writ. **7**: 1140, July 1922.

Hydnangium pallidum Lloyd Myc. Writ. **6**: 1031, pl. 171 (f. 1867), May 1921.

Specimens: 7213 (*Type*), 22380, L. Mille, Ecuador.

OCTAVIANIA RAVENELII (Berk.) Lloyd Myc. Writ. **7**: 1140, pl. 204 (f. 2160-61), July 1922. Coker and Couch Gast. east. U. S. and Canada, p. 48, 1928.

Hydnangium ravenelii (Berk.) Curt. sec. Coker and Couch l. c.

Hydnangium stephensii Berk. var. *ravenelii* Berk. Grev. **2**: 33, 1873.

Specimens: 7196, 19848, A. H. W. Povah, Alabama, 1921-22.

OCTAVIANIA SODERSTROMII (Lagerh.) Lloyd Myc. Writ. **7**: 1140, July 1922.

Hydnangium soderstromii Lagerh. Bull. Soc. Myc. Fr. **9**: 142, 1893.

Specimens: None. Zeller and Dodge. Ann. Mo. Bot. Gard. **6**: 52, 1919, refer this species to *Arcangeliiella soderstromii* (Lagerh.) Zeller and Dodge.

OCTAVIANIA STILLINGERII Lloyd Myc. Writ. **7**: 1140, pl. 204 (f. 2155-6), July 1922.

Specimen: 7199 (*Type*), C. R. Stillinger, Golden Gate Park, San Francisco, California.

OCTAVIANIA TASMANICA (Kalchbr. ex Mass.) Lloyd Myc. Writ. **7**: 1141, pl. 205 (f. 2170), July 1922.

Hydnangium tasmanica Kalchbr. ex Mass. Grev. **19**: 95, 1891.

Specimens: None.

PHALLOGASTER

PHALLOGASTER GLOBOSUS Lloyd Myc. Writ. **5**: 739, f. 1106-7, Dec. 1917. Sacc.
Syll. Fungorum **23**: 587, 1925.

Specimen: 22591 (*Type*), W. A. Scarfe, Caversham, New Zealand.

NEW FUNGUS NAMES

PROTUBERA

PROTUBERA AFRICANA Lloyd Myc. Writ. **6**: 987, pl. 157 (f. 1750-51), Sept. 1920.

Verwoerd So. Afr. Jour. Sci. **22**: 163, 1925.

Specimens: 22143 (*Type*), 22144, *A. V. Duthie*, 233, 243, U. So. Africa.

RADIOGASTER

RADIOGASTER Lloyd (as McGinty) Myc. Writ. **7**: 1304, Oct. 1924.

Type=*Hymenogaster radiatus* Lloyd (q.v.).

RHIZOPOGON

RHIZOPOGON RADICANS Lloyd Myc. Writ. **7**: 1174, pl. 227 (f. 2330), Jan. 1923.

Verwoerd So. Afr. Jour. Sci. **22**: 165, 1925.

Specimen: 50861 (*Type*), *A. V. Duthie*, U. So. Africa.

RHIZOPOGON RUBROCORTICEUS Zeller and Dodge Ann. Mo. Bot. Gard. **5**: 25, 1918.

Anthracophlous rhizopogonoides Mattiolo in herb. Lloyd.

Specimens: 19456 (*Type*), 19421, 19455, 19458, 53345, 53346, *C. A. O'Connor*, Le Reduit Gardens, Mauritius. Fischer in Engler and Prantl Natürl. Pfl., ed. 2, **7a**: 18, 1933, attributes the genus *Anthracophlous* to Lloyd, and places it in synonymy under *Rhizopogon*. The latter, however, uses the name only in connection with the combination *Anthracophlous rhizopogonoides*, attributing it to Mattiolo. See Myc. Writ. **4**: L. 44: 4, Jan. 1913; **6**: 1100, May 1921.

RHIZOPOGON SUPERDUBIUS Lloyd Myc. Writ. **7**: 1172, pl. 226 (f. 2322), Jan. 1923.

Specimen: 30106 (*Type*), *O. M. Oleson*, 693, Ft. Dodge, Iowa.

NIDULARIACEAE

CRUCIBULUM

CRUCIBULUM ALBOSACCUM Lloyd Myc. Writ. **7**: 1118, pl. 199 (f. 2121), Feb. 1922.

Specimen: 32358 (*Type*), *Nelson A. Nuñez*, 53, Ecuador.

CYATHUS

CYATHUS ANGLICUS Lloyd Myc. Writ. **2**: Nid. 25, f. 17, Dec. 1906.

Specimen: 30770 (*Type*), from an English collection at Kew. Listed by Lloyd as a form of *C. vernicosus*.

CYATHUS BERKELEYANUS (Tul.) Lloyd Myc. Writ. **2**: Nid. 19, pl. 107 (f. 6-8), Dec. 1906.

Cyathus microsporus Tul. var. *berkeleyanus* Tul. Ann. Sci. Nat. III, **1**: 74, 1844.

Cyathia berkeleyana (Tul.) White Bull. Torr. Bot. Club **29**: 258, 1902.

Specimens: 34558 (*Type*), *H. Miller*, Tobago; 58953, 58954, permanent slides from the "type" at Kew; 22529, 34552, 34553, *A. V. Duthie*, U. So. Africa; 34544, *P. van der Bijl*, U. So. Africa; 34554, *F. Evans*, Trinidad; 34555, 34556, *Chas. A. O'Connor*, Mauritius; 34557, *Ed. Lujá*, Belgian Congo.

CYATHUS CANNA Lloyd Myc. Writ. **2**: Nid. 27, pl. 110 (f. 11-12), Dec. 1906;

7: 1363, pl. 343 (f. 3256), July 1925. Sacc. Syll. Fungorum **21**: 465, 1912 (as *C. cauna*).

NEW FUNGUS NAMES

Specimens: 302 (Type), J. Lewton-Brain, Barbados; 24877, Chas. A. O'Connor, Mauritius.

CYATHUS COSTATUS Lloyd in herb.

"Cups small, dark, about $2\frac{1}{2} \times 3$ mm. in diameter covered with dark, strigose hairs, strongly ribbed, striate. Peridioles small, 1 mm., black. Spores about $16 \times 4\mu$, elliptical. Growing on manure and the second species Prof. Fink sends on manure from the tropics. Its striate cups and large spores place it close to the common tropical species, *C. plicatulus* (called also *C. poeppigii*), but the cups are only about one-half as large, the striations much coarser, and its habitat on manure entirely different. It belongs in a different section from *Cyathus stercoreus*, the common cosmopolitan species on manure."

Specimen: 27652 (Type), Bruce Fink, Mayaguez, Puerto Rico, Dec. 1915. This name was used by Lloyd in reporting determinations to Fink and the above description filed with the specimen, but not published. Overholts used the name in his work on Puerto Rican Eubasidiomycetes (Sci. Survey of Porto Rico and the Virgin Islands 8: 177, 1926).

CYATHUS EARLEI Lloyd Myc. Writ. 2: Nid. 26, pl. 110 (f. 9-10), Dec. 1906; 5: L. 62: 8, June 1916. Sacc. Syll. Fungorum 21: 465, 1912. Overholts in Sci. Survey Porto Rico and Virgin Islands 8: 177, 1926.

Specimens: 34537 (Type), F. S. Earle, 157, Santiago de las Vegas, Cuba, Aug. 1904: 34535, 34536, John A. Stevenson, Rio Piedras, Puerto Rico; 34538, F. W. Terry, Honolulu, Hawaii.

CYATHUS FIMICOLA Lloyd in herb.

Non *Cyathus fimicola* Berk. Journ. Linn. Soc. London 18: 387, 1881.

"Cups small, about $2-3 \times 4-5$ mm. in diameter, pale, with pale strigose matted hairs. Peridioles small, black $1\frac{1}{2}$ mm. Spores $8 \times 16\mu$. This is the second *Cyathus* we have seen growing on manure. The other, the common *C. stercoreus*, has much larger cups and spores. *C. fimicola* belongs in section Olla and is probably rare, although *Cyathus* species of the tropics are scantily collected. There is an old *Cyathus fimicola* proposed by Berkeley, but as it never was a *Cyathus*, and has not been used for fifty years it should no longer bar the rational use of the name. If anyone thinks it should he can call this *Cyathus annictaris* McGinty, and then look it up in the Latin dictionary."

Specimen: 27647 (Type), Bruce Fink, 1368, Yanco, Puerto Rico, Dec. 1915. There are also two fragmentary specimens in the Lloyd Collections, apparently from Kew, of *C. fimicola* Berk., 40282 and 40285. Lloyd in Myc. Writ. 2: Nid. 14, Dec. 1906, refers this latter species to *Crucibulum vulgare* Tul. Lloyd used the name in reporting determinations to Fink and the above description was filed with the specimen, but not published. Overholts used the name in his work on Puerto Rican Eubasidiomycetes, Sci. Survey of Porto Rico and the Virgin Islands 8: 177, 1926.

CYATHUS MINUTOSPORUS Lloyd Myc. Writ. 7: 1325, Oct. 1924.

Specimen: 24889 (Type), A. V. Duthie, 330, U. of So. Africa.

NEW FUNGUS NAMES

CYATHUS NIGRO-ALBUS Lloyd Myc. Writ. **2**: Nid. 18, pl. 107 (f. 4-5), Dec. 1906.
Sacc. Syll. Fungorum **21**: 465, 1912.

Specimens: 34541 (*Type*), C. G. Lloyd, Samoa, 1905; 22531, H. Vanderyst, 3410, Belgian Congo, Nov. 1920. On the label of the latter specimen Lloyd comments. "As I proposed the name when I wrote the pamphlet on Nidulariaceae. If I were revising the genus now, I should probably consider this a dark form of *C. limbatus*."

CYATHUS PYGMAEUS Lloyd Myc. Writ. **2**: Nid. 26, pl. 110 (f. 7-8), Dec. 1906.
Sacc. Syll. Fungorum **21**: 465, 1912.

Specimens: 30767 (*Type*), J. S. Cotton, 738, comm. C. V. Piper, Sunnyside, Washington, June 1909; 30766, Stewart S. Towne, Los Angeles, 34548, M. R. Espinosa, Chile.

CYATHUS SCHWEINITZII (Tul.) Lloyd Myc. Writ. **2**: Nid. 17, pl. 106 (f. 10-14), Dec. 1906.

Cyathus striatus (Huds.) Hoffm. var. *schweinitzii* Tul. Ann. Sci. Nat. III, **1**: 67, 1844.

Lloyd considered this "a variety of *C. striatus* of Europe," and apparently intended so to name all American specimens, although many were found still labelled as *C. striatus*. Lloyd definitely referred to *C. schweinitzii* specimens from New York, West Virginia, Pennsylvania, Delaware, Vermont, North Carolina, Ohio, Kentucky, Missouri, Wisconsin, Iowa, Minnesota, North Dakota, Wyoming, Montana, Washington, and Ontario.

CYATHUS SPHAEROSPORUS Lloyd Myc. Writ. **2**: Nid. 23, pl. 109 (f. 6-7), Dec. 1906. Sacc. Syll. Fungorum **21**: 466, 1912.

Specimens: 34540 (*Type*), W. Jekyll, Jamaica; 19439, Sappan, comm. T. F. Chipp, 5113, Bot. Gardens, Singapore, Dec. 1919; 34539, Chas. Bernard, Java; 53329, Kiah, 5717, Bot. Gardens, Singapore, May 1920. "As I named it, but I doubt now if it is a good species." Quoted from the label of the last specimen.

CYATHUS TRIPLEX Lloyd Myc. Writ. **2**: Nid. 23, pl. 109 (f. 12-14), Dec. 1906.
Sacc. Syll. Fungorum **21**: 466, 1912. Petch Ann. Roy. Bot. Gard. Peradeniya **7**: 62, 1919. Overholts in Sci. Survey Porto Rico and Virgin Islands **8**: 178, 1926.

Specimens: 34528 (*Type*), 34527, Chas. A. O'Connor, Mauritius; 34529, 34530, T. Petch, Ceylon.

NIDULA

NIDULA EMODENSIS (Berk.) Lloyd Myc. Writ. **2**: Nid. 12, pl. 103 (f. 7), Dec. 1906. Sacc. Syll. Fungorum **21**: 466, 1912. Petch Ann. Roy. Bot. Gard.

Peradeniya **7**: 61, 1919. Cunningham Trans. N. Z. Inst. **55**: 62, 1924. Fischer in Engler and Prantl Natürl. Pfl., 2 ed., **7a**: 57, 1933.

Cyathus emodensis Berk. Hook. Journ. Bot. **1854**: 204, 1854.

Specimens: 24871, R. C. Bakhuizen, Java, Sept. 1922; 58966, *extype*, Kew (slide only).

NEW FUNGUS NAMES

NIDULA GRANULIFERA (Holmsk.) Lloyd Myc. Writ. **2**: Nid. 12, Dec. 1906.

Nidularia granulifera Holmsk. Ot. Fung. Dan. **2**: 11-12, 1799.

Specimens: None.

NIDULA MACROCARPA Lloyd Myc. Writ. **5**: 731. f. 1098. Nov. 1917. Sacc. Syll.

Fungorum **23**: 587, 1925. Fischer in Engler and Prantl Natürl. Pfl., 2 ed.,

7a: 57, 1933.

Specimen: 49399 (*Type*), *M. F. Espinosa*, Santiago, Chile.

NIDULA NIVEO-TOMENTOSA (Henn.) Lloyd Myc. Writ. **3**: 455, Feb. 1910.

Cyathus niveo-tomentosus Henn. Hedw. **37**: 274, 1898.

Specimens: None. "An earlier specific name for *N. microcarpa* Pk."

FUNGI IMPERFECTI

BOTRYTIS

BOTRYTIS LIMACIDAE Lloyd in herb.

Reported in Myc. Writ. **6**: 1009, Sept. 1920. Lloyd's unpublished note with the specimen is as follows: "I label it as the above in the collection though it is only a conidial stage and should not be definitely named. The conidial spores are slender, linear, about $1 \times 6\mu$ but there is no evidence of perithecia and they are not secondary spores of ascospores."

Specimen: 42584 (*Type*), *T. D. A. Cockerell*, comm. *W. A. Archer*, Jan. 1895, on slug in a zoological collection, State College, New Mexico.

INSTITALE

INSTITALE ALBA Lloyd Myc. Writ. **6**: 916, 917, pl. 144 (f. 1639), Jan. 1920.

Specimen: 15956 (*Type*), *B. Leeper*, Salem, Ohio, on a polypore. Lloyd reports that A. Lorrain Smith refers this tentatively to *Cephalosporium humicola*.

INSTITALE OCHRACEA Lloyd Myc. Writ. **7**: 1208, July 1923.

Specimen: 5101 (*Type*), *J. Rick*, Brasil, on *Fomes hornodermeus*.

ISARIA

ISARIA ABUTHI Lloyd Myc. Writ. **7**: 1180, pl. 233 (f. 2378), Jan. 1923.

Specimen: 42614 (*Type*), *R. H. Bunting*, 16, Gold Coast, Africa. Petch has published the following note on this species in Trans. Brit. Myc. Soc. **18**: 72, 1933: "The photograph suggests *Gibellula araneorum*, and Lloyd's observation that some mould had infected it supports that view, but it needs confirmation by examination of the type specimen."

ISARIA BUNTINGII Lloyd Myc. Writ. **5**: 615. f. 871. Dec. 1916. Sacc. Syll.

Fungorum **25**: 925, 1931.

Specimens: None. *Type*, *R. H. Bunting*, Africa, not found in Lloyd's herbarium.

ISARIA BUQUETHII (Mont. & Ch. Rob.) Lloyd Myc. Writ. **7**: 1119, pl. 200 (f. 2130),

Feb. 1922; 1178, pl. 230 (f. 2357), Jan. 1923 (as *briquetii*).

NEW FUNGUS NAMES

Stilbum buquetii Mont. & Ch. Rob. Hist. Nat. Veg. Par. 640, pl. 11, f. 1-3, 1853.
Specimens: 42615, 42593, 42579, all from *J. Rick*, Brasil.

ISARIA BYSSOIDES (Bull.) Lloyd Myc. Writ. **5**: 757, f. 1132, Feb. 1918 (as *byssoidea*).

Clavaria byssoides Bull. Hist. Champ. Fr. pl. 415, f. 2, 1788.

Specimens: 42619, 42605, *H. M. Fitzpatrick*, Utica, New York.

ISARIA COCOA Lloyd Myc. Writ. **6**: 925, pl. 146 (f. 1663), Jan. 1920.

Specimen: 42621 (*Type*), *A. Manza*, comm. *O. A. Reinking*, 5099, Los Baños, Phil. Islands, July 1919, on dead sheath of *Cocos nucifera*.

ISARIA CORNEA Lloyd Myc. Writ. **6**: 1005, pl. 168 (f. 1843), Sept. 1920.

Specimen: 42590 (*Type*), *J. Gossweiler*, Angola, Portuguese W. Africa.

ISARIA CRINITA Lloyd Myc. Writ. **6**: 919, pl. 144 (f. 1645), Jan. 1920; **7**: 1290, June 1924. van Overeem Bull. Jard. Bot. Buitenzorg III, **4**: 108, 1922.

Cordyceps roepkiana Koord. ined.

Specimens: 42609, *C. Bernard*, Java; 42608, *V. van Hynning*, Florida. Lloyd's specific name is taken from an early name of the affected insect, *Vespa crinita*.

ISARIA FLABELLIFORMIS (Schw.) Lloyd Myc. Writ. **4**: 547, f. 749, Feb. 1916; **5**: L. 65: 6, March 1917; Xyl. 12, f. 1225, Sept. 1918; Xyl. 32, Dec. 1918; **6**: 925, pl. 146 (f. 1661), Jan. 1920.

Sphaeria flabelliformis Schw. Trans. Am. Phil. Soc. **4**: 189, 1834.

Specimens: None so labeled in the Lloyd Collection.

ISARIA FLAVO-VIRIDIS Lloyd Myc. Writ. **7**: 1197, pl. 243 (f. 2445), July 1923.

Specimen: 42594 (*Type*), *J. Rick*, Brasil, sent as *Cordyceps flavo-viridis* Rick.

ISARIA FROGGATII Lloyd Myc. Writ. **7**: 1120, pl. 200 (f. 2138), Feb. 1922.

Specimen: 42598 (*Type*), *W. W. Froggatt*, Australia, on larva of lamellicorn beetle.

ISARIA MOKANSHAWII Lloyd Myc. Writ. **5**: 854, f. 1430, June 1919.

Specimen: 42611 (*Type*), *N. Gist Gee*, 15, Soochow, China.

ISARIA MYCELIOIDES Lloyd Myc. Writ. **7**: 1193, pl. 238 (f. 2413), July 1923.

Specimen: 42599 (*Type*), *J. Rick*, Brasil.

ISARIA MYRMICIDAE Lloyd Myc. Writ. **6**: 915, pl. 143 (f. 1636, 1637), Jan. 1920.

Specimen: 42620 (*Type*), *J. Rick*, Brasil, on *Myrmica*. According to Petch, Trans. Brit. Myc. Soc. **18**: 66, 1933, "*Isaria myrmicidae* Lloyd appears, from the figure and description, to be *Hymenostilbe melanopoda* (Speg.), the conidial stage of *Cordyceps bicephala*."

ISARIA PATROBUS Lloyd Myc. Writ. **7**: 1308, pl. 302 (f. 2947), Oct. 1924.

Specimen: 42618 (*Type*), *J. Umemura*, 221, Nagoya, Japan, Aug. 1927, on *Patrobus flavipes*.

NEW FUNGUS NAMES

ISARIA PECKOLTHI Lloyd Myc. Writ. **6**: 884, pl. 128 (f. 1523), Oct. 1919.

Specimen: 42589 (*Type*), G. Peckolt, Brasil.

ISARIA RITCHIEI Lloyd Myc. Writ. **5**: 855, f. 1432, June 1919.

Specimen: 42602 (*Type*), A. H. Ritchie, Jamaica.

ISARIA SINCLAIRII (Berk.) Lloyd Myc. Writ. **7**: 1179, pl. 232 (f. 2369), Jan. 1923; 1197, pl. 244 (f. 2447), July 1923.

Cordyceps sinclairii Berk. Fl. N. Zeal. 338, 1853-1855.

Specimens: 42583, G. H. Cunningham, New Zealand; 42601, J. Umemura, Japan; 42600, H. H. Hu, Nanking, China.

ISARIA XYLARIAFORMIS Lloyd Myc. Writ. **7**: 1200, pl. 246 (f. 2467), July 1923.

Specimen: 42613 (*Type*), J. Rick, Brasil.

TUBERCULARIA

TUBERCULARIA ROSEA (Fr.) Lloyd Myc. Writ. **7**: 1211, 1923.

Dacryomyces roseus Fr. Elench. Fung. **2**: 35, 1828.

Specimen: 5068, R. Latham, Orient, New York.

TUBERCULARIA (?) VERMICULARIS Lloyd Myc. Writ. **7**: 1355, pl. 335 (f. 3186), July 1925.

Specimen: 27580 (*Type*), W. R. Lowater, Ohio, sent as *Dacryomyces vermiculosus* and filed as *Tubercularia* sp.

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